[[Project Name]] Privacy Impact Assessment

Project Code	PC0667
Submission Date	[[Date of submission – can be filled in by PMO]]
Organization	University of Victoria
Unit and Service Owner	Dr. Leslee Francis-Pelton, Chair of the Department of Curriculum and Instruction, Faculty of Education
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Reviewed By	[[The CIO or designate responsible for reviewing this PIA. Provide name, title, and contact information]]
Review Date	[[Date of review – can be filled in by PMO or Reviewer]]

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1.0 Privacy Context

1.1 Description of Systems and Linkage to Legislation

[[Describe the systems being implemented or changed as a result of this project, and what implications there are in terms of FIPPA.]]

This project aims to adapt the HSD Practicum Tracking platform, to assist the Faculty of Education with practicum data tracking and storage, while improving information security by leveraging existing knowledge bases, such as Banner, to reduce data input errors and duplication. This system, a variation of which is currently in use by HSD, will be used to enter contact and other information about schools, mentors, Practicums, Students, and Supervisors, in order to coordinate the assignment of student teachers to schools for practicums.

FIPPA implications include collection and storage of personal information about practicum students, potentially sensitive information, who has access to that information, and what that information is used for.

1.2 Use of System

[[Describe what the systems will be used for, how it will be used, who will use it, and how this usage will address FIPPA.]]

This system, a variation of which is currently in use by HSD, will be used to enter information about schools, mentors, Practicums, Students, and Supervisors, in order to coordinate the assignment of student teachers to schools for practicums. Currently this information is stored in a series of spreadsheets, which is cumbersome and prone to human error. Practicum Coordinators in the Faculty of Education will enter information in an Apex Application

- Student Information
- Practicum Placements
- Placement Information
- Schools Information
- Mentors (Create, Edit)
- Supervisors
- Ability to view One Card photos of students (when photos exist) in their profiles in the database, automatically pulled from Banner

1.3 Custody and Control

[[Describe what records will be under the possession or use of the institution or system and how the records will be managed to address FIPPA.]]

The records below will be accessed by the application. All data is stored at Sec. 15 Only the Practicum coordinators at UVic have access to the platform. Access to the Practicum Application is set up by an Administrator, is unique to each coordinator and not shared, and access will be removed immediately when it is determined that an individual no longer requires access. All administrators have access to all data.

For Manual entry fields, the Administrative Authority is creating a policy to determine what information may or may not be entered into these fields, to avoid unnecessary privacy intrusion (for example no medical information in the case of a withdrawal for medical reasons).

For document uploads, there is a criminal record check document required to be attached to a student record, because a student is required to provide one in order to work in the education system. This document is highly confidential. Only Practicum administrators have access to this data. There is no set retention period currently in place.

1.4 Personally identifiable information Data Types and Information Flows

[[Enumerate all personally identifiable information (PII) data types stored in and accessed by the systems, and how these data types will flow in and out of the systems.]]

Information collected and accessed in the Practicum Application by Tab:

Student – From Banner	
First/Last Name	Confidential
V#	Confidential
Address	Confidential
Email	Confidential
Phone	Confidential
Netlink ID	Confidential
Date of Birth	Confidential
Year of Study	Confidential
Entry Term	Confidential
Academic Standing	Confidential
DOCUMENTS:	
Criminal Record check Upload	Highly Confidential
Practicum Report	
Appeals documents	

Manual Input:

Schools	
District	Public

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Name	Public
Level	Public
Address	Public
Website	Public
Contact names	Public
Contact phone	Public
Contact email	Public
Contact role	Public
Placements	Internal
Students	Internal
Affiliation status	Internal
Affiliation Expiry	Internal
Submission Date	Internal
Mentors	Internal
Notes - MANUAL ENTRY	Internal

Mentor	
Name	Internal
Email	Internal
Role	Internal
Phone	Internal
Status	Internal
Status Date	Internal
Associated School	Internal
Placements	Internal
Supervised Students	Internal
Notes - MANUAL Entry	

Practicum: INPUT	
School Name	Internal

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Level of School	Internal
Year/Term dates	Internal
Students in placement	Internal
Student Mentor	Internal
Placement Status	Confidential
Number of visits required	Confidential
Notes - MANUAL ENTRY	Confidential

Input	
Status	Confidential
Status Dates	Confidential
Teaching Area	Internal
Active term/course/year	Internal
Cohort	Internal
Coordinator	Internal
CRC Status	Confidential
CRC Expiry	Confidential
Waiver Complete	Internal
TFI Scores	Confidential
Flags:	
Complete Course Work Y/N	Confidential
Practicum Denied	Confidential
Required/voluntary/medical/withdrawal	Confidential
Extenuating Circumstance	Confidential
Other Notes - MANUAL Entry	
Notes - MANUAL Entry	
Practicums Taken	Internal

Supervisor	

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Report download	Confidential
Name	Internal
Email	Internal
Role	Internal
Phone	Internal

When a student requires a practicum, the Practicum Coordinators look at what schools, mentors, supervisors, etc are available, and assign a student to whatever combination is the best fit. The Coordinators coordinate with students, Supervisors, schools and mentors via telephone and/or email, outside of this application. Only the Practicum coordinators have access to the platform. Various reports can be run as part of this application, and exported to .csv or excel. Notes can be manually entered and documents manually attached to various tabs as noted above.

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2.0 Privacy Threshold Analysis

[[The purpose of these questions is to help determine what level of privacy and security risk is present in your project. Seek assistance from the PMO if you have any questions. When referencing UVic or external documentation, note the date that the documentation was accessed or provide a copy at the time of reference as an Appendix.]]

<table>
<tr><td>1</td><td>Has a Privacy Impact Assessment ever been performed for this project or program?</td><td>N</td></tr>
<tr><td>2</td><td colspan="2">What is the information classification level of information collected, maintained, or shared in any identifiable form as part of this project or service? Select all classification levels that apply.
See University Policy IM7800 for detailed definitions.
☐Highly Confidential
☒Confidential
☒Internal
☐Public
☐Don't Know
☐Information is not collected, maintained, or shared in any identifiable form as part of this project or service</td></tr>
<tr><td>3</td><td colspan="2">What are the type(s) of personal, critical, or sensitive information collected, maintained, or shared by this project? Please be specific about the data elements.

Examples include, but are not limited to information about students, employees, donors, alumni, credit cards, health Information, etc. See Appendix A of University Policy IM7800 for more examples.

<table><tr><td>Highly Confidential</td><td>•</td></tr><tr><td>Confidential</td><td>Photo, Biographical student data (name, address, phone number, email),</td></tr><tr><td>Internal</td><td>Practicum registration and success information (pass/fail), will all be pulled from Banner. Practicum placement information (agency, supervisor, mentor, position, skills required) will be maintained in this system.</td></tr><tr><td>Don't Know</td><td>•</td></tr></table></td></tr>
<tr><td>4</td><td>Does this project or program involve the implementation of a new electronic system or use of a new application/ software to support the creation, collection, storing, backing-up or disposition of personal, sensitive, or critical information?</td><td>[Existing] , existing PII from Banner will be used within this system with additional internal information (placement details) stored against a student's record.</td></tr>
<tr><td>5</td><td>Does the project apply new or additional information technologies that have substantial potential for privacy intrusion?

[[If so, what are those technologies?
Examples include, but are not limited to, cloud platforms (SaaS, PaaS, IaaS), social media, mobile applications, smart cards, RFID, biometrics, locator technologies, visual surveillance, video recording, profiling, data mining, etc.)]]</td><td>N</td></tr>
</table>

6	Will the project involve the collection or creation of new information about individuals? [[If so, what information?]]	N (information currently tracked using spreasheets)
7	Will personal information about individuals or sensitive/critical information be disclosed to organizations, programs, processes or people who have not previously had routine access to the information? [[If so, which organizations, processes or people?]]	N
8	Are you using information about individuals for a purpose it is not currently used for, or in a way it is not currently used? [[If so, how?]]	N (information currently tracked using spreasheets)
9	Will the project collect, use, or disclose PII or sensitive/critical information for research purposes? [[If so, do you have appropriate research approvals (e.g. ethics)?]]	N
10	Will the project require that individuals are contacted in ways that they may perceive to be intrusive? [[If so, how may they perceive it to be intrusive?]]	N
11	Is any of the information owned by another organization? [[If so, which organization(s)?]]	N
12	Does the project involve new or significantly changed consolidation, inter-linking, cross-referencing or matching of personal data from multiple sources? [[If so, which ones?]]	N
13	Does this project collect, access or use Social Insurance Numbers (SIN)?	N
14	How many user records containing PII or sensitive/critical information will be stored, accessed or used? [1-1000],[1001-5000],[5,001-50,000],[50,001-100,000],[100,000+]	Sec. 15
15	Where will the information be stored? UVic Data Centre	
16	Will a third party (e.g. vendor or service provider) have access to the information? [[If so, which third parties?]]	N
17	Is any of the information being accessed from outside of Canada? [[If so, by whom and from where?]]	N
18	Does the IT system connect, receive, or share information in identifiable form, or PII or sensitive/critical information with any other IT systems?	1

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	[[If so, which ones? Examples include, but are not limited to: 1. Personal information is used in a closed system (i.e., no connections to the Internet, Intranet or any other system and the circulation of hardcopy documents is controlled). 2. Personal information is used in a system that has connections to at least one other system. 3. Personal information is transferred to a portable device (i.e., USB key, diskette, laptop computer), transferred to a different medium or is printed. 4. Personal information is transmitted using wireless technologies.]]	
19	**If there is external sharing, is it pursuant to new or existing information sharing agreements?** [[List these agreements]]	**N/A**

3.0 Privacy & Security Risks

[[Based on the sections 1.0 and 2.0, determine the probability, impact, and resulting risk score for each of the following risks. Cite the appropriate privacy and security controls from Appendix A and B in your Risk Mitigation Measures and add to the Response section as appropriate. Probability and impact are rated on a scale of 1-5, with 1 representing a small probability or impact and 5 representing a large probability or impact.]]

ID	Risk Description	Probability (1-5)	Impact (1-5)	Risk Mitigation Measures (reduce probability and/or impact)
1	Lack of legal authority to collection, use or disclose PII	1	4	Data is collected for the sole purpose of setting up practicums and communicating with participants. Participants agree to disclosure of data for this purpose. Existing system has been performing this function for several years. GV0235 Protection of Privacy Policy, section(s) 18.00, 19.00
2	Unauthorized collection of PII by authorized individuals/processes/systems	1	3	Data is collected for the sole purpose of setting up practicums and communicating with participants.

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				AP-2 **Purpose Specification** The organization describes the purpose(s) for which personally identifiable information (PII) is collected, used, maintained, and shared in its privacy notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 16.00, 17.00 **AC-21 Information Sharing** **Control:** The organization: • Facilitates information sharing by enabling authorized users to determine whether access authorizations assigned to the sharing partner match the access restrictions on the information for organization-defined information sharing circumstances where user discretion is required and • Employs organization-defined automated mechanisms or manual processes to assist users in making information sharing/collaboration decisions. **Response:** • See AC-20
3	Excessive collection of PII by authorized individuals/processes/systems	1	2	Only information required for administration of practicums is collected and stored. **DM-1 Minimization of Personally Identifiable Information** Identifies the minimum personally identifiable information (PII) elements that are relevant and necessary to accomplish the legally authorized purpose of collection; Limits the collection and retention of PII to the minimum elements identified for the purposes described in the notice and for which the individual has provided consent. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 19.00 **AC-21 Information Sharing** **Control:** The organization: • Facilitates information sharing by enabling authorized users to determine whether access authorizations assigned to the sharing partner match the access restrictions on the information for organization-defined information sharing circumstances where user discretion is required and

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				• Employs organization-defined automated mechanisms or manual processes to assist users in making information sharing/collaboration decisions. **Response:** • See AC-20
4	Inappropriate or unauthorized use of PII by authorized individuals/processes/systems	1	4	EDEC agrees to set policies regarding what highly sensitive personal data can be entered in Notes fields. Data will only be used for Practicum administration and communication thereof. UL-1 **Internal Use** The organization uses personally identifiable information (PII) internally only for the authorized purpose(s) identified in the Privacy Act and/or in public notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 17.00, 20.00, 21.00, 22.00m 23.00, 24.00, 31.00 **PL-4 Rules of Behavior** **Control:** • Establishes and makes readily available to individuals requiring access to the information system, the rules that describe their responsibilities and expected behavior with regard to information and information system usage; • Receives a signed acknowledgment from such individuals, indicating that they have read, understand, and agree to abide by the rules of behavior, before authorizing access to information and the information system; • Reviews and updates the rules of behavior; and • Requires individuals who have signed a previous version of the rules of behavior to read and resign when the rules of behavior are revised/updated **Response:** • See AC-8, CM-10 **AC-21 Information Sharing** **Control:** The organization: • Facilitates information sharing by enabling authorized users to determine whether access authorizations assigned to the sharing partner match the access restrictions on the information for organization-defined information sharing circumstances where user discretion is required and • Employs organization-defined automated mechanisms or manual processes to assist users in making information sharing/collaboration decisions.

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				Response: • See AC-20
5	Unauthorized disclosure by individuals/processes/systems	1	4	Data is collected for the sole purpose of setting up practicums and communicating with participants. Participants agree to the collection of data for this purpose. Only authorized users have access to the application, controlled by an administrator will deprovision users in a timely manner. UL-1 **Internal Use** The organization uses personally identifiable information (PII) internally only for the authorized purpose(s) identified in the Privacy Act and/or in public notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 17.00, 20.00, 21.00, 22.00m 23.00, 24.00, 31.00 AC-4 **Information Flow Enforcement** **Control:** The information system enforces approved authorizations for controlling the flow of information within the system and between interconnected systems based on organization-defined information flow control policies. **Response:** • See SC-7 **IA-2 Identification and Authentication (organizational Users)** **Control:** • The information system uniquely identifies and authenticates organizational users (or processes acting on behalf of organizational users). **Response:** • See SC-8 **AC-21 Information Sharing** **Control:**

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				The organization: • Facilitates information sharing by enabling authorized users to determine whether access authorizations assigned to the sharing partner match the access restrictions on the information for organization-defined information sharing circumstances where user discretion is required and • Employs organization-defined automated mechanisms or manual processes to assist users in making information sharing/collaboration decisions. **Response:** • See AC-20
6	Creation of new PII by data matching	1	3	No new PII or data matching is created within this project.
7	Unauthorized tracking of individuals through transaction monitoring	1	1	No unauthorized tracking of individuals occurs as a result of this project. The current process is not changing, no new data is being collected. Participants agree to collection of data to participate in a practicum.
8	Data stored outside of Canada and in the public cloud	1	1	All Data is stored at Sec. 15
9	Data retention beyond prescribed timeline	4	1	There is currently no prescribed timeline for data retention. EDUC will set timelines if required. **SI-12 Information Handling and Retention** **Control:** • The organization handles and retains information within the information system and information output from the system in accordance with applicable federal laws, Executive Orders, directives, policies, regulations, standards, and operational requirements **Response:** • Use policy states that all users must comply with IM7700 – Records Management and related procedures, including Fair Dealings guidelines http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7700.pdf
10	Risk of increased surveillance	1	1	There is no surveillance as part of this functionality, monitoring only occurs as part of the existing practicum process – Participants attend practicums, and the administrators are advised if the practicum is successfully completed.
11	Unauthorized use as a records repository	4	1	There is currently no prescribed timeline for data retention. EDUC will set timelines if required. **SI-12 Information Handling and Retention** **Control:**

				• The organization handles and retains information within the information system and information output from the sysfom in accordance with applicable federal laws, Executive Orders, directives, policies, regulations, standards, and operational requirements **Response:** • Use policy states that all users must comply with IM7700 – Records Management and related procedures, including Fair Dealings guidelines http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7700.pdf
12	Public perception	1	1	The implementation of the new system will only be visible to Practicum Administrators, no external parties will have access to it. Practicum tracking and administration will continue to the campus the same as it does today, but more securely.
13	Use of existing PII data in a new system or business process	5	1	A new application is being implemented, but will maintain existing work and dataflows, and will not be utilized by any users who do not use the existing system/process. The system does not connect to any external process, just Banner. **PL-4 Rules of Behavior** **Control:** • Establishes and makes readily available to individuals requiring access to the information system, the rules that describe their responsibilities and expected behavior with regard to information and information system usage; • Receives a signed acknowledgment from such individuals, indicating that they have read, understand, and agree to abide by the rules of behavior, before authorizing access to information and the information system; • Reviews and updates the rules of behavior; and • Requires individuals who have signed a previous version of the rules of behavior to read and resign when the rules of behavior are revised/updated **Response:** • See AC-8, CM-10 UL-1 **Internal Use** The organization uses personally identifiable information (PII) internally only for the authorized purpose(s) identified in the Privacy Act and/or in public notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 17.00, 20.00, 21.00, 22.00m 23.00, 24.00, 31.00 AC-4 **Information Flow Enforcement** **Control:**

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				The information system enforces approved authorizations for controlling the flow of information within the system and between interconnected systems based on organization-defined information flow control policies. **Response:** • See SC-7 **IA-2 Identification and Authentication (organizational Users)** **Control:** • The information system uniquely identifies and authenticates organizational users (or processes acting on behalf of organizational users). **Response:** • See SC-8 **System Interconnections** **Control:** The organization: • Authorizes connections from the information system to other information systems through the use of interconnection Security Agreements; • Documents, for each interconnection, the interface characteristics, security requirements, and the nature of the information communicated; and • Reviews and updates Interconnection Security Agreements [Assignment: organization-defined frequency].

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Consultation Checklist

IT Projects

The following leaders in each functional area can refer you to an appropriate subject matter expert to help develop the technical elements of your project plan and ensure it is complete.

Service Area	Impact? (Y/N)	Leader	Expert Consulted	Date of Consultation
Office of the CIO	Y	Wency Lum		
Systems General Office		Trish Kearley		
Client Technologies		Lance Grant		
Desktop Support Services		David Street		
Computer Help Desk		Marcus Greenshields		
Academic & Admin Services		Nav Bassi		
Client Account Managers		Garry Sagert		
Production and Technical Support		Scott Thompson		
Development Services		Dave Wolowicz		
Identity Services		Corey Scholefield		
UVic Online	Y	Garry Sagert		
Data Centre Services		Kim Lewall		
Network Services		Jane Godfrey		
Infrastructure Services		Ron Kozsan		
Information Security Office		Lance Grant		
Project Management Office		Chandra Beaveridge		

Sponsor

The project sponsor or system owner must be consulted in the creation of the Privacy Impact Assessment. Use this table to document consultation with the project sponsor or service owner.

Name	Comments	Date of Consultation
Leslee Francis-Pelton – EDUC Administrative Authority	Meeting to discuss data elements and privacy level	Dec 12/2016
Kerry Robertson - EDUC	Meeting to discuss data elements and privacy level	Dec12/2016

Other Projects

[[Please include a table like the above for any other subject matter experts that you believe should provide input for this PIA.]]

Department/Unit	Leader	Expert Consulted	Date of Consultation

Revision History

[[As the PIA is distributed between the sponsor, stakeholders, and SMEs, update this table to indicate changes between document versions.]]

Version	Date	Author	Comments

Appendix A – Privacy Controls

ID	PRIVACY CONTROLS
AP	**Authority and Purpose**
AP-1	**Authority to Collect** The organization determines and documents the legal authority that permits the collection, use, maintenance, and sharing of personally identifiable information (PII), either generally or in support of a specific program or information system need. **Response:** GV0235 Protection of Privacy Policy, section(s) 18.00, 19.00
AP-2	**Purpose Specification** The organization describes the purpose(s) for which personally identifiable information (PII) is collected, used, maintained, and shared in its privacy notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 16.00, 17.00
DM	Data Minimization and Retention
DM-1	**Minimization of Personally Identifiable Information** Identifies the minimum personally identifiable information (PII) elements that are relevant and necessary to accomplish the legally authorized purpose of collection; Limits the collection and retention of PII to the minimum elements identified for the purposes described in the notice and for which the individual has provided consent. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 19.00
DM-2	**Data Retention and Disposal** Retains each collection of personally identifiable information (PII) for [Assignment: organization-defined time period] to fulfill the purpose(s) identified in the notice or as required by law; Disposes of, destroys, erases, and/or anonymizes the PII, regardless of the method of storage, in accordance with a NARA-approved record retention schedule and in a manner that prevents loss, theft, misuse, or unauthorized access; and Uses [Assignment: organization-defined techniques or methods] to ensure secure deletion or destruction of PII (including originals, copies, and archived records). **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 20.00, 25.00
DM-3	**Minimization of PII Used in Testing, Training, and Research** Develops policies and procedures that minimize the use of personally identifiable information (PII) for testing, training, and research; and Implements controls to protect PII used for testing, training, and research **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 20.00, 21.00, 22.00
IP	**Individual Participation and Redress**

ID	PRIVACY CONTROLS
IP-1	**Consent** Provides means, where feasible and appropriate, for individuals to authorize the collection, use, maintaining, and sharing of personally identifiable information (PII) prior to its collection; Provides appropriate means for individuals to understand the consequences of decisions to approve or decline the authorization of the collection, use, dissemination, and retention of PII; Obtains consent, where feasible and appropriate, from individuals prior to any new uses or disclosure of previously collected PII; and Ensures that individuals are aware of and, where feasible, consent to all uses of PII not initially descr bed in the public notice that was in effect at the time the organization collected the PII. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 18.00
IP-2	**Individual Access** Provides individuals the ability to have access to their personally identifiable information (PII) maintained in its system(s) of records; **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 29.00, 32.00
IP-3	**Redress** Provides a process for individuals to have inaccurate personally identifiable information (PII) maintained by the organization corrected or amended, as appropriate; and Establishes a process for disseminating corrections or amendments of the PII to other authorized users of the PII, such as external information-sharing partners and, where feasible and appropriate, notifies affected individuals that their information has been corrected or amended. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 30.00, 31.00, 33.00
IP-4	**Complaint Management** The organization implements a process for receiving and responding to complaints, concerns, or questions from individuals about the organizational privacy practices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 34.00
SE	**Security**
SE-1	**Inventory of Personally Identifiable Information** Establishes, maintains, and updates [Assignment: organization-defined frequency] an inventory that contains a listing of all programs and information systems identified as collecting, using, maintaining, or sharing personally identifiable information (PII); and Provides each update of the PII inventory to the CIO or information security official [Assignment: organization-defined frequency] to support the establishment of information security requirements for all new or modified information systems containing PII.

ID	PRIVACY CONTROLS
SE-2	**Privacy Incident Response** Develops and implements a Privacy Incident Response Plan; and Provides an organized and effective response to privacy incidents in accordance with the organizational Privacy Incident Response Plan. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, Procedures for responding to a Privacy Incident or Privacy Breach
UL	**Use Limitation**
UL-1	**Internal Use** The organization uses personally identifiable information (PII) internally only for the authorized purpose(s) identified in the Privacy Act and/or in public notices. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 17.00, 20.00, 21.00, 22.00m 23.00, 24.00, 31.00
UL-2	**Information Sharing with Third Parties** Shares personally identifiable information (PII) externally, only for the authorized purposes identified in the Privacy Act and/or described in its notice(s) or for a purpose that is compatible with those purposes; Where appropriate, enters into Memoranda of Understanding, Memoranda of Agreement, Letters of Intent, Computer Matching Agreements, or similar agreements, with third parties that specifically describe the PII covered and specifically enumerate the purposes for which the PII may be used; Monitors, audits, and trains its staff on the authorized sharing of PII with third parties and on the consequences of unauthorized use or sharing of PII; and Evaluates any proposed new instances of sharing PII with third parties to assess whether the sharing is authorized and whether additional or new public notice is required. **Control(s) / Compliance:** GV0235 Protection of Privacy Policy, section(s) 17.00, 20.00, 21.00, 22.00m 23.00, 24.00, 31.00,

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Appendix B – Security Controls

ID	SECURITY CONTROLS

AC-2	**Account Management**
	
	Control:
	
	• Identifies and selects the following types of information system accounts to support organizational missions/business functions: organization-defined information system account types;
	• Assigns account managers for information system accounts;
	• Establishes conditions for group and role membership;
	• Specifies authorized users of the information system, group and role membership, and access authorizations (i.e., privileges) and other attributes (as required) for each account;
	• Requires approvals by [Assignment: organization-defined personnel or roles] for requests to create information system accounts;
	• Creates, enables, modifies, disables, and removes information system accounts in accordance with organization-defined procedures or conditions;
	• Monitors the use of information system accounts;
	• Notifies account managers:
	  • When accounts are no longer required;
	  • When users are terminated or transferred; and
	  • When individual information system usage or need-to-know changes;
	• Authorizes access to the information system based on:
	  • A valid access authorization;
	  • Intended system usage; and
	  • Other attributes as required by the organization or associated missions/business functions;
	• Reviews accounts for compliance with account management requirements [Assignment: organization-defined frequency]; and
	• Establishes a process for reissuing shared/group account credentials (if deployed) when individuals are removed from the group.
	
	Response:
	
	• Account Management is governed by the following institutional policies and procedures:
	  • IM7200 – Acceptable use of electronic information resources policy http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7200_6030_.pdf
	  • IM7800 – Information Security and related procedures http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7800.pdf
	• Account Management is subject to the operating procedures and processes of the University.
	
	[[Add additional relevant information as required.]]

AC-3	**Access Enforcement** **Control:** • The information system enforces approved authorizations for logical access to information and system resources in accordance with applicable access control policies. **Response:** • See AC-4, SC-7 [[Add additional relevant information as required.]]

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ID	SECURITY CONTROLS
AC-4	**Information Flow Enforcement** **Control:** The information system enforces approved authorizations for controlling the flow of information within the system and between interconnected systems based on organization-defined information flow control policies. **Response:** • See SC-7 [[Add additional relevant information as required.]]

AC-8	**System Use Notification**
	
	Control:
	
	Displays to users an organization-defined system use notification message or banner before granting access to the system that provides privacy and security notices consistent with applicable federal laws, Executive Orders, directives, policies, regulations, standards, and guidance.
	
	Response:
	
	• Organization-defined systems use policy will:
	  • Primarily positive and explanatory (and not just a list of "don'ts").
	  • Encourage usage by providing positive examples and suggestions.
	  • Require that content be office-appropriate.
	  • Require that personally identifiable information is not used.
	  • Include links to University of Victoria policies and training resources
	
	• Organization-defined systems use policy will include reference to and compliance with:
	  • IM700 – Acceptable use of electronic information resources policy http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7200_6030_.pdf
	  • GV0235 – Protection of Privacy http://www.uvic.ca/universitysecretary/assets/docs/policies/GV0235.pdf
	  • IM7800 – Information Security and related procedures http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7800.pdf
	  • IM7700 – Records Management and related procedures, including Fair Dealings guidelines http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7700.pdf
	  • Canadian Copyright Act http://www.canlii.org/en/ca/laws/stat/rsc-1985-c-c-42/latest/rsc-1985-c-c-42.html
	
	[[Add additional relevant information as required.]]

AC-19	**Access Control for Mobile Devices**
	
	Control:
	
	• Establishes usage restrictions, configuration requirements, connection requirements, and implementation guidance for organization-controlled mobile devices; and
	• Authorizes the connection of mobile devices to organizational information systems
	
	Response:
	
	• University of Victoria recommends for all users and requires for Exchange users the use of:
	  • an encrypted mobile device
	  • a password protected mobile device
	  • device wipe on failed login attempts
	
	[[Add additional relevant information as required.]]

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AC-20	**Use of External Information Systems**
	
	Control:
	
	• The organization establishes terms and conditions, consistent with any trust relationships established with other organizations owning, operating, and/or maintaining external information systems, allowing authorized individuals to:
	  • Access the information system from external information systems; and
	  • Process, store, or transmit organization-controlled information using external information systems.
	
	Response:
	
	• See CP-9, PE-3, SC-7, SI-8
	
	[[Add additional relevant information as required.]]

AC-21	**Information Sharing** **Control:** The organization: • Facilitates information sharing by enabling authorized users to determine whether access authorizations assigned to the sharing partner match the access restrictions on the information for organization-defined information sharing circumstances where user discretion is required and • Employs organization-defined automated mechanisms or manual processes to assist users in making information sharing/collaboration decisions. **Response:** • See AC-20 [[Add additional relevant information as required.]]
AC-22	**Publically Accessible Content** **Control:** The organization: • Designates individuals authorized to post information onto a publicly accessible information system; • Trains authorized individuals to ensure that publicly accessible information dees not contain nonpublic information; • Reviews the proposed content of information prior to posting onto the publicly accessible information system to ensure that nonpublic information is not included; and • Reviews the content on the publicly accessible information system for nonpublic information [Assignment: organization-defined frequency] and removes such information, if discovered. **Response:** • See AC-4, AC-21, IA-2, IA-8 [[Add additional relevant information as required.]]

AT-2	**Security Awareness Training**
	
	Control:
	
	• The organization provides basic security awareness training to information system users (including managers, senior executives, and confractors):
	  • As part of initial training for new users;
	  • When required by information system changes; and

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	• Organization-defined frequency thereafter. **Response:** • Privacy training will be required for new users to ensure compliance with FIPPA. [[Add additional relevant information as required.]]
AU-6	**Audit Review, Analysis, and Reporting** **Control:** The organization: • Reviews and analyzes information system audit records for indications of defined inappropriate or unusual activity. • Reports findings to the Chief Privacy Officer and Chief Information Officer **Response:** [[Add additional relevant information as required.]]
CA-3	**System Interconnections** **Control:** The organization: • Authorizes connections from the information system to other information systems through the use of interconnection Security Agreements; • Documents, for each interconnection, the interface characteristics, security requirements, and the nature of the information communicated; and • Reviews and updates Interconnection Security Agreements [Assignment: organization-defined frequency]. **Response:** [[Add additional relevant information as required.]]
CM-3	**Configuration Change Control** **Control:** The organization: • Determines the types of changes to the information system that are configuration-controlled; • Reviews proposed configuration-controlled changes to the information system and approves or disapproves such changes with explicit consideration for security impact analyses; • Documents configuration change decisions associated with the information system; • Implements approved configuration-controlled changes to the information system; • Retains records of configuration-controlled changes to the information system for [Assignment: organization-defined time period]; • Andils and reviews activities associated with configuration-controlled changes to the information system; and • Coordinates and provides oversight for configuration change control activities through the: organization-defined configuration change control that convenes organization-defined configuration change conditions. **Response:** • System configuration settings and changes are managed using the University systems Change Management processes and Change Advisory Board (CAB). [[Add additional relevant information as required.]]

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CM-8	**Information System Component Inventory**
	
	Control:
	
	• Develops and documents an inventory of information system components that:
	  • Accurately reflects the current information system;
	  • Includes all components within the authorization boundary of the information system;
	  • Is at the level of granularity deemed necessary for tracking and reporting; and
	  • Includes [Assignment: organization-defined information deemed necessary to achieve effective information system component accountability]; and
	• Reviews and updates the information system component inventory.
	
	Response:
	
	[[Add additional relevant information as required.]]

CM-10	**Software Usage Restrictions** **Control:** The organization: • Uses software and associated documentation in accordance with contract agreements and copyright laws; • Tracks the use of software and associated documentation protected by quantity licenses to control copying and distribution; and • Controls and documents the use of peer-to-peer file sharing technology to ensure that this capability is not used for the unauthorized distr bution, display, performance, or reproduction of copyrighted work. **Response:** [[Add additional relevant information as required.]]
CP-2	**Contingency Plan** **Control:** The organization develops a contingency plan for the information system. **Response:** [[Add additional relevant information as required.]]
CP-9	**Information System Backup** **Control:** Conducts backups of user-level information contained in the information system. Conducts backups of system-level information contained in the information system. Conducts backups of information system documentation including security-related documentation; and Protects the confidentiality, integrity, and availability of backup information at storage locations. **Response:** [[Add additional relevant information as required.]]
IA-2	**Identification and Authentication (organizational Users)** **Control:** • The information system uniquely identifies and authenticates organizational users (or processes acting on behalf of organizational users).

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	Response: • See SC-8 [[Add additional relevant information as required.]]
IA-8	**Identification and Authentication (non-organizational users)** **Control:** • The information system uniquely identifies and authenticates non-organizational users (or processes acting on behalf of non-organizational users). **Response:** • See SC-8 [[Add additional relevant information as required.]]
MP-2	**Media Access** **Control:** • The organization restricts access to organization-defined types of digital and/or non-digital media] to personnel or roles. **Response:** [[Add additional relevant information as required.]]
PE-3	**Physical Access Control** **Control:** • Enforces physical access authorizations, controls and audits exist. **Response:** [[Add additional relevant information as required.]]
PL-4	**Rules of Behavior** **Control:** • Establishes and makes readily available to individuals requiring access to the information system, the rules that describe their responsibilities and expected behavior with regard to information and information system usage; • Receives a signed acknowledgment from such individuals, indicating that they have read, understand, and agree to abide by the rules of behavior, before authorizing access to information and the information system; • Reviews and updates the rules of behavior; and • Requires individuals who have signed a previous version of the rules of behavior to read and resign when the rules of behavior are revised/updated **Response:** • See AC-8, CM-10 [[Add additional relevant information as required.]]

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RA-3	**Risk Assessment** **Control:** The organization: • Conducts an assessment of risk, including the likelihood and magnitude of harm, from the unauthorized access, use, disclosure, disruption, modification, or destruction of the information system and the information it processes, stores, or transmits; • Documents risk assessment results in [Selection: security plan; risk assessment report; [Assignment: organization-defined document]]; • Reviews risk assessment results [Assignment: organization-defined frequency]; • Disseminates risk assessment results to [Assignment: organization-defined personnel or roles]; and • Updates the risk assessment [Assignment: organization-defined frequency] or whenever there are significant changes to the information system or environment of operation (including the identification of new threats and vulnerabilities), or other conditions that may impact the security state of the system. **Response:** • See sections 1.4 and 3.0 of this document. [[Add additional relevant information as required.]]
SC-7	**Boundary Protection** **Control:** • Monitors and controls communications at the external boundary of the system and at key internal boundaries within the system; • Implements subnetworks for publicly accessible system components that are physically and logically separated from internal organizational networks; and • Connects to external networks or information systems only through managed interfaces consisting of boundary protection devices arranged in accordance with an organizational security architecture. **Response:** [[Add additional relevant information as required.]]
SC-8	**Transmission Confidentially and Integrity** **Control:** • The information system protects the confidentiality and; integrity of transmitted information. **Response:** [[Add additional relevant information as required.]]
SI-8	**SPAM Protection** **Control:** The organization: • Employs spam protection mechanisms at information system entry and exit points to detect and take action on unsolicited messages; and • Updates spam protection mechanisms when new releases are available in accordance with organizational configuration management policy and procedures **Response:** [[Add additional relevant information as required.]]
SI-12	**Information Handling and Retention** **Control:**

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	• The organization handles and retains information within the information system and information output from the system in accordance with applicable federal laws, Executive Orders, directives, policies, regulations, standards, and operational requirements **Response:** • Use policy states that all users must comply with IM7700 – Records Management and related procedures, including Fair Dealings guidelines http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7700.pdf [[Add additional relevant information as required.]]

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