

Introduction/Summary (what is your product?)

Laurier Centralized Resource App: A place for students to find, access, navigate, contact and interact with the various resources in and across campus.

■ Goal(s) (what problem does it solve?)

- Due to the COVID-19 Pandemic, our school's resources have changed significantly, and navigating them has been a struggle for first year students coming in, and for upper year students who have spent the majority of their undergrad online. Students have had to rely on non-regulated, non-affiliated message boards such as the twitter account, @spottedatlaurier to find and receive support.
- Students often have very little information of the resources available on campus, they pay thousands in tuition fees and barely take advantage of any of the things offered. With more exposure, they can find support and not only ease their undergrad experience but also get more out of their university experience.
- The school's website is often challenging to navigate and find contact information for things like the wellness center, academic advising, food services etc.
- Most of the schools resources have resulted to social media to provide updates, but they are not consistent across platforms, causing confusion for students who use various platforms
- This app will work as a way to centralize all school resources on one main managed platform and become a tool for not only incoming students, but upper years. It will serve as an organized and manageable way to interact with school resources and receive updates and information on the availability of those resources.
- There will be a section for resource-specific feedback, allowing the resources to communicate directly with students and get better over time.

■ Target customers

- Laurier Students
- Wilfrid Laurier University as an institution

■ Market survey

- There is nothing like this currently existing on the market

■ Value proposition (benefits, novelty)

- Provides the school with a tool to help students navigate their first year, as well as for upper year students
- Novelty as this currently does not exist for any other school at all

■ Features

- Resource Navigator
 - Listing of resources
 - Resource suggestions
 - Highlighting resource of the week
 - Back-end access for individual resources to post updates (ex. The Library posts that they are closed today)
- Resource Guide Quiz: interactive way for the students to test their knowledge of campus resources and compare with friends

- Suggestion submission box for communication to resources

■ **Success criteria**

- Successfully lists all campus resources in an efficient and clean manner
- Is easy to navigate and get contact information of major resources

■ **Challenges/Risks (and how to minimize/mitigate?)**

- Start with the most main/important resources to avoid overcrowding of information on the app and database
- Focus on providing ease of access of resources initially, then interactivity

■ **High-level architecture**

- TBD

■ **Language, tools**

- Python
- Possibly Java
- Possibly SQL Database

■ **Deliverables**

- The deliverables are to provide new students or current students with an all in one application to the schools resources and their benefits. Numerous students know what the wellness center is but are not familiar with its benefits, this application will provide students with the benefits of all resources on campus as well as being able to locate them. Students who are new to campus, as it is just reopening, will be able to locate resources with ease, which will essentially save their time and remove the fear of having to ask others for directions.
- This project aims to make students' lives more convenient on campus whether they are new students or returning students.
- The database of all information regarding school resources will be the first step as without this the UI will be useless. The next step would be creating a user-friendly UI for students to easily navigate through, where the information from the database will then be provided to the user. In the future, if the university were to approve of the project, there would be features to book appointments, save certain resources and contact advisors.

■ **Title**

NAME IDEAS:

- **The Hawk Hub**
- Hawk Helper
- Helping Hawk

■ **Group number**

- 4

■ **Group members (names, student numbers)**

- Beheashta Atchekzai - 190637250
- Kham Austin - 180536350
- Ronny Yehia - 180866280
- Aidan Chu - 190797720

■ **Contribution table for project proposal**

- TBD

■ **Planned contribution by each member in the overall project**

- TBD

■ **Revision numbers and change history**

- TBD

3. Which SW process model we may use?

Waterfall model

Are modifications allowed in the project proposal at later stages?

Yes