# SENG Project - Iteration 1 of Scholarship Program

### **Product Backlog**

User Stories

* As a student, I want to apply for scholarships.
* As a student, I want to view scholarships.
* As a student, I want to be able to upload transcripts and supporting documents so that they can be used for my scholarship applications.
* As a student, I want to be notified of application deadlines.
* As a student, I want to be notified of new scholarships.
* As a student, I want to be notified of being accepted or rejected into a scholarship.
* As a scholarship coordinator, I want to be able to add scholarships.
* As a scholarship coordinator, I want to be able to specify criteria for the scholarships.
* As a scholarship coordinator, I want to be able to edit scholarships.
* As a scholarship coordinator, I want to be able to set a time frame for when a scholarship is available.
* As a scholarship coordinator, I want to be able to view the statistics of the scholarships.
* As a professor, I want to be able to nominate capable students to scholarships
* As a professor, I want to be able to view the statistics of the scholarships.
* As a user, I want to be able to login to the scholarship application.
* As a user, I want to be able to download scholarship documents to be able to view them.

### **Sprint Planning Meeting**

*February 27th 3:30pm - 4:30pm*

*Attended: Everyone*

*Where: University, Computer Lab*

During the meeting we discussed what was to be done first. The project was to be a web application and we needed a coding language in order to create such an application. It was decided that we use Javascript for this project. In order for us to use Javascript, research was needed to be done in order to get comfortable with coding in Javascript.

Before we get to the functionalities of the students, professors, and scholarship coordinators using the program, we needed a the base framework of the program. This means we have to first create the base application where the user’s will be able to interact with. For example, a login function should be done first.

The following is the result of the sprint planning, the sprint backlog. These requirements are the ones that relate the most to our current sprint plan.

### **Sprint Backlog**

To implement:

* As a user, I want to be able to login to the scholarship application.

In order for the user to login, there has to be an application to login into. So the application has to be created first. And in order for the application to exist, we need to fully understand JavaFX better.

### **Daily Scrum Meetings**

*March 3rd 10:20am - 10:45am*

*Attended: Everyone*

*Where: University, Classroom*

In this meeting we found that it was not reasonable to pursue Javascript to code our web application. Instead we made the decision to switch to JavaFX and make the scholarship program a desktop application. Below are the questions asked for the scrum meeting.

What did you do since last meeting?

* Everyone was tasked with getting familiar with Javascript and anything associated with it.

What will you do until our next meeting?

* Everyone is tasked with getting familiar with JavaFX.

What is blocking you?

* Everyone has coursework and midterm prep for other courses in the semester.

*March 5th 10:15am - 10:30am*

*Attended: Everyone*

*Where: University, Classroom*

In this meeting we established what points of JavaFX are good for this application. We also established that we start with the basic functions for application then move on to the advanced functions that utilize the basic ones and lastly for any finishing touches or functions that improve quality of life. Below are the questions asked for the scrum meeting.

What did you do since last meeting?

* Everyone got familiar with JavaFX
* Decided JavaFX Scenebuilder to assist with the coding

What will you do until our next meeting?

* Start with a login page for the application

What is blocking you?

* Coursework and midterm prep for other courses.

### **Sprint Review Meeting**

*March 6th 1:30pm - 2:30pm*

*Attended: Everyone*

*Where: University, Computer Lab*

Due to switching from Javascript to JavaFX, we were unable to provide code for the product during this iteration. But we have all agreed to start doing the majority of the base functions during the next iteration. As a result of such a decision, we have nothing to demonstrate this iteration.

We have reviewed the application and have made a team decision that this application would be better suited as a desktop application. The functions of the application are of different complexities, so it would be better to start with the more simple one’s first for the scholarship application.

After reviewing the product backlog as a team, we have noticed that we missed a function for the scholarship coordinator. That being:

* As a scholarship coordinator, I want to be able to edit scholarships.

The product backlog posted earlier in this document has been updated accordingly.

### **Retrospective Meeting**

*March 6th 2:30pm - 3:00pm*

*Attended: Everyone*

*Where: University, Computer Lab*

Things to keep doing

* Continue researching JavaFX and any supporting technologies

Things to stop doing

* Researching Javascript

New things to try

* Some form of database to store the user information and scholarship information

### **Code**

No code is available for this iteration.