

Overview: In this lab you will be completing your application.

Learning Outcomes:

- Project completion
- Realization of benefits of technical debt servicing

Instructions:

During this week, you will continue correcting defects in your software and prepare to present your project to the rest of the class.

Continue testing against acceptance criteria and unit tests to ensure the application is as bug free as possible. Log any defects in the issue tracker as they are found.

If you are unaware of any defects in your lab, you should propose a feature (or set of features) to implement (from the list of features) that has not yet been implemented and is appropriate for the team.

During the presentation, each team member is expected to spend an appropriate amount of time presenting (talking).

The presentation must show a demo of the major features of the application you implemented. You must plan ahead for who will demo what features to minimize downtime (this plan must be written and submitted). You are highly encouraged to rehearse the demo to ensure it goes smoothly.

The presentation must also include a presentation of your updated UML Class Diagram and a discussion of how your class diagram changed over the quarter.

You should also present an example sequence diagram from your team created in lab 2 and discuss how you would re-design it with your knowledge at this point in the project.

As a team you should answer the question: "If you were to re-start the project today, what would you do differently?"

Additionally, you should choose the license that your team will be using for your software. The license should be mentioned in EVERY code header comment block.

Time: Your team has a total of 10 minutes to complete the presentation.

Due Date: Presentation must be delivered in lab.

Deliverables: Submit the plan of who will present what on the first page of your report. After this, indicate which features you implemented in your submission. The code checked into your repository will be pulled by the instructor to be tested. It is expected that every team member makes measurable contributions; author names must be in the comments. At the end of your document, provide an explanation describing the license that you will be using and why.

Lab Checkoff: Discuss your implementation proposal with the instructor and log all the tasks in the issue tracker as bugs or enhancements. Each person's responsibility should be clearly assigned.

Due Date: Start of class, Week 10 Tuesday (19 May 2020)

Grading:

Implementation progress	30%
License	10%
Feature Demo	10%
Class Diagram Discussion	10%
Sequence Diagram Discussion	10%
Individual technical question	10%
Appropriate time/depth	10%
Smoothness/rehearsed	10%
<b>TOTAL</b>	<b>100%</b>