CPSC 304 Project Cover Page

Milestone #: 3
Date: Friday Oct 27, 2023 Group Number: 127

Name	**Student Number**	**CS Alias (Userid)**	**Preferred E-mail Address**
Madeleine Penner	57844268	D0b3b	madeleine.penner@yahoo.com
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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Deliverables

Your deliverables should be committed to the CPSC 304 provided repository **at least two business days** prior to the meeting with your TA. For a specific definition of what two business days ahead of schedule means, see the syllabus.

1. A brief (~2-3 sentences) summary of your project. Many of your TAs are managing multiple projects so this will help them remember details about your project. You can reuse the summary from milestone 2.

This project deals with a community garden management system. The database will allow for community members to be gardeners, plot owners, or both. Plot owners are responsible for managing their plot and will be able to create tasks for gardeners to complete on their plot.

2. **Timeline and task breakdown/assignment**:

Timeline:

We are choosing to divide our tasks into two: front-end and back-end.

Things we want:
- Way to sign up to be a community member
- Way to sign up to be a gardener
- Way to purchase a plot
- Create tasks for a plot that you own
- Assign tasks to gardener
- Allow gardener to see tasks, tools, supplies

Way for any community member to see animal info, plot info, building info

Backend: (complete by nov 17)

Who	Due	Task
All	Oct 27	Deciding the architecture of the system.
Kratika	Nov 6	Implementing the ER diagram into SQL
Kratika	Nov 6	Insert data into the tables
Will	Nov 15	Make any additional changes to ER diagram based on TA feedback
Madeleine	Nov 15	Implement code needed for front end functionality
Kratika	Nov 15	Implement code needed for front end functionality
Will	Nov 15	Implement code needed for front end functionality
All	Nov 17th	Finish All Back-end Implementation

Frontend: (complete by dec 1)

- Create a user-friendly GUI that is easy to understand.
- This GUI would be presented in a manner that anyone unfamiliar with garden management would be able to adapt easily.

We will be using node js to accomplish this.

Who	Due	Task
Kratika	Nov 21	Create login page - Option to log in to existing account or sign up
Madeleine	Nov 23	Create dashboard page - Add navigation sidebar to dashboard - Add general information and instructions - Display animal info
Will	Nov 23	Create navigation sidebar that gets added to every page - this will be different depending on the user - add plot map page button - add schedule button
Will	Nov 25	Create a plot map page - view plot prices - view plots available for purchase - purchase plot - view whats in each plot
Kratika	Nov 25	Create schedule page - viewable by gardners - view tasks assigned to you - view tools and supplies required and where to find them
Madeleine	Nov 28	Create building page - has a drop down for each building - view list of all items stored and where - button to add items to building

Challenges

- We've made our due dates earlier than necessary to allow a buffer period in case we cannot complete a task in time
- We will have regular group meetings to keep track of our progress and to allow for some pair programming if we get stuck alone.
- We need to make sure our code can handle the queries given by our front end, it's hard to know what challenges will arise there before beginning any programming, but it's likely this will pose challenges.