Lawn Care Application

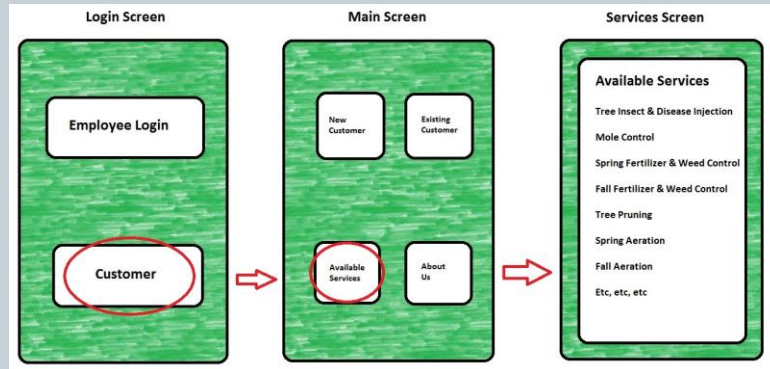**DREW BAUMGARTNER**
&
NICHOLAS STEVENS

Goals

- The goal of our application is to provide an easier way for customers to request lawn service from a lawn care provider

- The application will also provide extra functionality for salesman and lawn technicians to sell and service new and existing customers while they are out in the field.
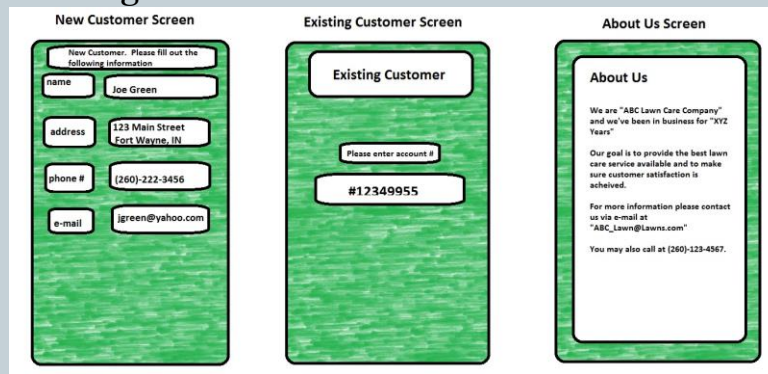
The GUI

- This is an example of the GUI from the customer's perspective.

The GUI

- Here is a rough outline of what a new customer and existing customer should see. The "About Us" screen is also roughed in.

Main tasks

- This is a tentative schedule for the main tasks in developing our project.

Main Tasks (Milestones)		
Schedule	Time	Due Date
Design GUI Layout	1 Week	7-Nov
Implement code	2 Weeks	21-Nov
Implement dummy test data	1 Week	28-Nov
Project report & presentation slides	1 Week	5-Dec
***Buffer Cushion	1 Week	12-Dec

Subtasks (GUI Design)

- This subtask is for designing the GUI layout. We will be drawing diagrams and sketches to find what our ideal GUI should look like.

Subtask (GUI Design)		
Schedule	Time	Hours
Design main menu screen	1 day	2
Design new customer screen	2 days	3
Design existing customer screen	1 day	2
Design list of lawn care services screen	2 days	3
	1 Week	10

Subtasks (GUI Coding)

- This subtask represents the steps that we will take to implement the GUI in Eclipse.
- We will spend around 30 hours programming the GUI.

Subtask (Coding - GUI)		
Schedule	Time	Hours
Implement the main menu	1 day	4
Implement the new customer menu	5 days	10
Implement the existing customer menu	3 days	6
Implement list of lawn care services	5 days	10
	2 Weeks	30

Subtask (Coding the Data)

- This subtask will allow us to implement data objects and variables to test out the various GUI components

Subtask (Coding - Dummy Data)		
Schedule	Time	Hours
Implement testing variables, arrays, objects	5 days	10
Test dummy data	2 days	2
	1 Week	12

Subtasks (Report/Presentation)

- The final subtask will be to compile our report and presentation data.

Subtask (Report / Presentation)		
Schedule	Time	Hours
Compile report	4 days	10
Compile presentation slides	3 days	5
	1 Week	15

Cost

- As you can see from our task breakdown, our total cost should be $0.00 and roughly 70 hours of design and implementation.

- We've also scheduled a 1 week buffer just to provide insurance incase we encounter unexpected issues.

Risks

- The main risk associated with this project is the possibility of not finishing before the deadline.

- Another risk to consider for the real-world is securely storing the customer and employee's login information.

- Another risk is the fact that customers and employees may not use the app if it is not user friendly.