

Polo's Expense System

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Faculty Advisor - Fitzroy Nembhard

Client - Polo Velasquez Landscape Maintenance LLC

1. Progress of current Milestone (progress matrix)

Task	Completion %	Matthew	Nick	To do
1. Create Check Payment User Interface	100%	0%	100%	None
2. Create Check Payment row deletion and display	100%	100%	0%	None
3. Refactor Database	80%	70%	30%	Reallow the pdf generator usage

2. Discussion (at least a few sentences, i.e., a paragraph) of each accomplished task (and obstacles) for the current Milestone:

- Task 1: This task involved planning out and creating the UI for the check payment page to allow the customer to easily be able to see a table with bills that they have created and can mark a bill as paid. This will allow the user to see a list of customers that have unpaid bills.
- Task 2: For this task, we made the user able to select a customer's bill from the UI window and delete that from the table. A common concern from our client and our advisor was there was no completed tab to move bills back to unpaid, so we will have to go back and implement that as well.
- Task 3: This task consisted of a complete overhaul of our database structure. We changed our database from a multiple-table system for each bill to a single table with a key lookup system to keep track of the people who have paid or not. This change essentially broke our whole system, so it took a while to get everything back to how it was. We accomplished most of it, but one or two pages still need to be touched up.

3. Discussion (at least a few sentences, i.e., a paragraph) of the contribution of each team member to the current Milestone:
 - Matthew Brown: Implemented showing and deleting the customers for the check payment plan page. Also was the main person in charge of refactoring all of the database functions to the new single bill table format.
 - Nick Velasquez: Created the user interface for the check payment page and helped to refactor the databases
4. Plan for the next Milestone (task matrix)

Task	Matthew	Nick
1. Implement, test & demo <i>feature/module</i> .	Create a color-coordinated map of houses based on different parameters.	Create the UI for the GPS grouping system

5. Discussion (at least a few sentences, i.e., a paragraph) of each planned task for the next Milestone.
 - Task 1: This task will take the map generated in task 2 and sort the customers' houses based on location and proximity to other houses. Create a good-looking map color coordinated and easy to see where each crew should go.
 - Task 2: Create a user interface for the GPS routing feature that will allow the customer to view the houses of the customers grouped into sections to allow them to know where to send their crews
6. Date(s) of meeting(s) with Client during the current milestone:
 - 02/01/2023
7. Client feedback on the current milestone
 - The client liked our system of clicking customers to mark as paid but suggested we make a tab to show paid customers if they accidentally mark a customer. They want to be able to click on the paid customer and then go back to the unpaid tab.
8. Date(s) of meeting(s) with Faculty Advisor during the current milestone:
 - 02/10/2023
9. Faculty Advisor feedback on each task for the current Milestone
 - Using tabs for the separate pages instead of the sidebar for easier navigation
 - Create an ERD to allow us to easily explain our database structure
 - Split up the check bill page to allow the user to correct mistakes as well as a confirmation for changes made

Faculty Advisor Signature: _____ Date: _____

----- on a separate page -----

10. Evaluation by Faculty Advisor

- Faculty Advisor: detach and return this page to Dr. Chan (HC 214) or email the scores to pkc@cs.fit.edu
- Score (0-10) for each member: circle a score (or circle two adjacent scores for .25 or write down a real number between 0 and 10)

Matt B.	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Nick V.	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

- Faculty Advisor Signature: _____ Date: _____
