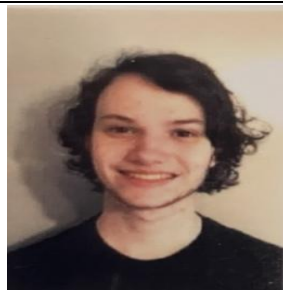# SP-6 Red Time Mileage Tracker (w GPS)

Senior Project, Section 2, Fall 2024, 08/27/2024, Professor Sharon Perry

Project Team

Roles	Name	Major responsibilities	Contact (Cell Phone)
Team Leader	David Lowe	Documentation; ensure that all deliverables are submitted on time.	678-901-5606
Team members	Lloyd Anderson	Documentation	678-818-9349
	Parth Patel	Developer	706-936-1255
	Ryan Thompson	Developer	678-575-3461
	Humberto Aguilar Sanchez	Developer	770-527-7705
Advisor / Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	770-329-3895

Parth Patel
Developer

Lloyd Anderson
Documentation

Ryan Thompson
Developer

David Lowe
Team Leader

Humberto Aguilar Sanchez
Developer

1.0 Project Overview / Abstract (Research)

The Time Mileage Tracker with GPS is a mobile app that enables all employers to ensure employees are efficiently managing time and mileage. Employers can access data on employees' activities to verify time and mileage reports. The app aims to improve productivity, reduce user input errors, and provide accurate records for employers.

2.0 Project website

www.mileagetracker.com

Deliverables

- Project plan draft
- Requirements
- Design
- Prototype design
- Final report and presentation
- Final product
- (optional use tutorial)

Milestone Events

- Planning documentation complete - September 1, 2024
- Concept design complete - September 15, 2024
- Prototype Complete - October 1, 2024
- Prototype presentation - October 15, 2024
- C Day - November 19, 2024
- Application fully developed - December 2, 2024
- Final report - December 2, 2024

Meeting Schedule Date/Time

Bi-weekly status meetings on Thursdays from 4:15 pm to 4:30 pm.

Collaboration and Communication Plan

Weekly Discord meetings on Mondays and Wednesdays at 4:00pm.

Text message communication in group chat.

Project Schedule and Task Planning

See the Project Work Plan (Gantt chart) file attached.

Project Name: SP-6-Red Time Mileage Tracker
Report Date:

Deliverable	Tasks	Complete%	Current Status Memo	Assigned To	Project planning 08/20	08/27	08/29	09/01	Concept design 09/08	09/15	09/22	09/29	Prototype 10/08	10/15	10/22	10/29	Final Report 11/05	11/12
Requirements	Project Selection	100%		Group	5	5												
	Project Plan	50%		Group														
	Meeting with project owner	0%		Group		10	1											
	SDD, SRS, Plan to D2L	0%		Group			5	10										
Project design	Define tech required *	10%						10	4									
	Reports Design	0%		Ryan				5	10	10								
	Database Design	0%		Ryan						10	10							
	Client Design	0%					6	6	10	5	5							
	Develop working prototype	0%								10	10							
	Test prototype and present	0%									5	10	5	5				
Development	Review prototype design	0%										8	5	10				
	Rework requirements	0%										8	10	20	20			
	Document updated design	0%													10	10		
	Test product	0%		Group										8	5	20		
Final report	Presentation preparation	0%		Group												15	10	10
	Poster preparation	0%		Group														10
	Final report submission to D2L and project owner	0%		David														5
	Total work hours	**356**			5	15	12	31	24	35	30	26	20	43	35	45	10	25

* formally define how you will develop this project including source code management

Legend	
Planned	
Delayed	

Version Control Plan

Deploy each milestone onto GitHub and update along the way.

Tutorial Plan

Record a demo video that demonstrates how to use the application for first time users.