



The University of the West Indies

Department of Computing and Information Technology

Undergraduate Project Course

Project Timeline and Work Breakdown

Project Name: Save Planet Earth
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Project Objective(s): The project aims to be a platform where users can post eco-events indicate their attendance to the event, it will provide users with useful tasks for a cleaner eco-lifestyle and allow each user to track their progress via a chart when they complete certain eco-friendly tasks. Additionally, it provides challengers where users can earn a badge on the website as well as physical rewards such as vouchers, gift certificates etc.

Work Breakdown Structure - Deliverables

1. System Requirements, Elicitation & Specification
2. Context Diagram
3. High Fidelity Prototype
4. Build User Interface.
5. Set up Sign up, Login pages and database.
6. Integrate EventBrite API into our application for when users post events.
7. Set up Challenges and Rewards pages and create the tasks/challenges.
8. Pages for displaying information on environmental conservation, garbage collectors contact information and organising carpool.
9. Build footsteps tracker page and Carbon Emission reduced page.
10. Testing and Refactoring

Timeline Development - Schedule

Deliverable	Activities	Estimated Time	Knowledge	Monetary Cost	Time Taken	Constraint	Dependency
System Requirements	Establish application boundaries and functionalities	3 hours	Software Engineering 1	-	2 hours	-	-
Context Diagram	Draw Context Diagram	2 hours	Software Engineering 1	-	1 hour	-	-
High Fidelity Prototype	Build Login UI	3 hours	HCI	-	2 hours	-	-
Build User Interface	Create a user friendly interface	5 hours	HCI	-	-	-	High Fidelity Prototype
Set up Sign up, Login pages and database.	-	5 hours	Programming	-	-	-	UI
Integrate EventBrite API into our application for when users post events.	-	2 hours	Programming	-	-	-	UI
Set up Challenges and Rewards pages and create the tasks/challenges.	-	4 hours	Programming	TBA	-	-	UI

Pages for displaying information on environmental conservation, garbage collectors contact information and organising carpool.	-	1 hour	Programming	-	-	-	UI
Build footsteps tracker page and Carbon Emission reduced page.	-	4 hours	Programming	-	-	-	UI
Testing and Refactoring	Test all pages and refactor the code as needed,	5 hours	Software Engineering 2	-	-	-	All pages

GANTT CHART SHOWING SCHEDULE OF ALL ACTIVITIES AND TASKS

