32-Event_Tracker_App

Date: 9/10/2023

Project Team

Roles	Name	Major responsibilities	Contact (Cell Phone)
Project owner	Sharon Perry	Facilitate project progress; advise on project planning and management.	Sperry46 in D2L is preferred
Team leader	Warren Fongang	Coordinate Standups meeting and manage the overall design and code of the app	470.667.3887
Team members	Angie Djonkep	Define the functionalities, endpoints and backend structure of our app.	313.338.7150
	Kerian Ebot	Scrape events website and parse data for easy ingestion.	404.940.2020
	Steeve Mocto	Takes care of the database modeling and design phases as well as query requests.	470.452.5485
Advisor / Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	Sperry46 in D2L is preferred

Warren Fongang

Steeve Mocto

Kerian Junior Ebot Agbor
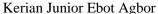

Angie Djonkep

Project Overview

In today's fast-paced educational landscape, staying connected and engaged with campus events is essential for students to make the most of their university experience. To address this need, we present "KSU Event Tracker," a cutting-edge mobile application designed to empower students with the tools to effortlessly track and participate in campus events.

The app provides an array of features aimed at enhancing event discovery, personalization, and engagement.

KSU Event Tracker is poised to revolutionize how students engage with campus life. By offering a streamlined event tracking process, personalized notifications, and insights into event participation, the app aims to enrich the university experience, boost student engagement, and cultivate a vibrant and interconnected campus community. As Kennesaw State University strives to adapt to the digital age, this mobile app stands as a testament to the potential of technology to enhance student life and create lasting memories.

Project website

https://github.com/Renwarren/Event_Tracker_Website

Final Deliverables

1. Final report
2. Source code
3. Mobile App to track events
4. Desktop App to create custom events
5. Website with link to the app.

Milestone Events (Prototypes, Draft Reports, Code Reviews, etc)

#1 - By 9/17/2023: Database design

- This milestone involves designing the database structure for our project. It includes defining tables, relationships, data types, and constraints to store and manage data efficiently.

#2 - By 9/24/2023: Event Creation App

- This achievement signifies the development of an application that allows users to create and manage events. Users can input event details, such as title, date, location, and description.

#3 - By 9/30/2023: Web scraper for KSU Events

- The web scraper milestone focuses on creating a web scraping script in Python that collects data about events happening at KSU from various sources. The scraped data can be used for various purposes, such as displaying events on the platform or for an API

#4 - By 10/7/2023: Mobile App Prototype

- Before developing the final mobile app, this milestone involves creating a prototype or mockup of the app's user interface and functionality. It serves as a visual representation to gather feedback and refine the app's design.

#5 - By 10/21/2023: Mobile App

- In this stage, the actual mobile app is developed based on the prototype. The app will have features like authentication, event browsing, notifications registration, and any other functionality required.

#6 - By 10/24/2023: Website

- This phase involves the development of a website that showcases the work done throughout the project and the course. It will also feature links to the various repositories and the mobile app.

#7 – By 10/27/2023: Final Report

- The final report milestone is typically associated with documenting the project's overall progress, achievements, challenges, and outcomes. It may include technical details, user guides, and future recommendations. This report provides a comprehensive overview of the entire project.

Meeting Schedule Date/Time
- Monday, Wednesday: 9:00pm – 9:30pm
- Tuesday, Thursday: 7:00am – 7:30am
- Friday: 6pm – 7pm

Collaboration and Communication Plan
We use Teams to schedule meetings and our Cellphones (Text/Call) to remind about upcoming meetings or to communicate absences.

We use Notion to track each group member's work asynchronously so we can put comments on everybody's work and discuss high-level topics like database design, technologies used, reminders.

Project Schedule and Task Planning
See the Project Work Plan (Gantt chart) file attached.

Project Name: Event Tracker App
Report Date: 9/10/2023

Deliverable	Tasks	Complete%	Current Status Memo	Assigned To	Milestone #1				Milestone #2				Milestone #3				C-Day	
					09/04	09/11	09/18	09/25	10/02	10/09	10/16	10/23	10/30	11/06	11/13	11/20	11/27	12/04
Requirements	Define requirements	100%	Complete	Warren	3													
	Agree on requirements	0%		Team	2	3												
Project design	Define tech required	50%		Warren				3	3									
	Database design	60%		Steeve				3	2	2								
	UI design	60%		Angie, Kerian						3	2							
	Architecture Design	100%		Warren			3	2	3	2	3							
Development	Develop working prototype	0%		Warren, Angie								20	20	20				
	Rework requirements	0%		Kerian								3	2	3	3			
	Document updated design	0%		Warren											2	3		
	Test product	0%		Steeve, Angie										3	2	3		
Final report	Presentation preparation	0%		Kerian												2	2	2
	Website preparation	0%		Steeve, Angie												5	5	2
	Poster preparation	0%		Warren														3
	Final report submission to D2L and project owner	0%		Team														1
			Total work hours	145	5	3	3	8	8	7	5	23	22	26	7	13	7	8

Legend
Planned	
Delayed	
Number	Work: man hours

Version Control Plan

We will host three repositories, one for the desktop application to create events manually, one for the mobile application and one last for the website showcasing the project. Git and GitHub will be used.

Branching Strategy:
We will be using **feature branches** which create feature-specific branches for each new feature or bug fix.

Workflow:
The Developers will work on feature branches based on the task assigned. They will regularly pull updates from the development branch to stay up to date with the latest changes. When a feature is complete, we create a pull request (PR) from the feature branch to the development branch for code review.

Code Review:
- All PRs must be reviewed by at least one team member.
- Address comments and feedback in the PR before merging.