**Progress Report**

**- Increment 2 -**

**Group #33**

*Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.*

# **1)** **Team Members**

*Please write the* ***name*** *of all the team members, their* ***FSU IDs****, and* ***GitHub IDs*** *here.*

*Name: Gavin McDavitt, FSU ID:GRM21b , GitHub ID: gavinmcdavitt*

*Name: Conner Murphy, FSU ID: csm21e, GitHub ID: comurphy22*

*Name: Marshall Brady, FSU ID: Mab21bb , GitHub ID: marshallb03*

**2)** **Project Title and Description**

We are developing a state park web application that will allow the user to search for state parks in the United States and receive meaningful data on these state parks. The most important data that we provide the user with is the current capacity of any state park in Florida, so that users will not drive to a park just to find out that it is at capacity already.

**3)** **Accomplishments and overall project status during this increment**

*We accomplished a lot this increment. We have our application up and running with every page working. We established a database that we are still performing data entry on to have meaningful data on each and every state park in the state of Florida. We connected it to an API for national parks as well. Started the work on a reservation system. We use a leaflet js map, to showcase each park. Each state park can then get added to our reservation.*

**4)** **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

*Please describe here in detail:*

*- manual data entry has proven to be difficult.*

*- we have had to shorten the scope of the project slightly to align our goals with our deadlines.*

*- Communication between team members should have been more consistent than seeing each other in public and avoiding conversations.*

**5)** **Team Member Contribution for this increment**

*Please list each individual member and their contributions to* ***each of the deliverables in this increment*** *(be as detailed as possible). In other words, describe the contribution of each team member to:*

***a)*** *the* ***progress report****, including the sections they wrote or contributed to*

***b)*** *the* ***requirements and design document****, including the sections they wrote or contributed to*

***c)*** *the* ***implementation and testing document****, including the sections they wrote or contributed to*

*d)* *the* ***source code*** *(be detailed about* ***which*** *parts of the system each team member contributed to and* ***how****)*

*Gavin:*

*Built map, implemented a firebase backend. Created the react app, and built all of the pages and components. Built reservation system to allow users to announce how they want to go to the park. As of this writing, i am guaranteeing that I wrote 95% of source code. I also did all of the merges for anyone who made a pull request. Implemented the real time database, got auth components. Pages: about us,add to database, home, map, auth, reservation, sign-up.*

*Components:*

*Mapcompent.js*

*AddObject.js*

*Authcomponents.js*

*And firebase config.*

*e)* *the* ***video or presentation***

*Someone will do this.*

*Conner Murphy:*

- *I contributed some to each section of this project report.*

- *I created our initial draft of the state park application design, utilizing draw.io to visualize it.*

- *I’ve contributed to implementation of the backend of this project, contributing to the database.*

- *I have not coded much yet outside of running a python script to generate a uniqure ID for each state park, but I have tasks on backlog to complete after I finish data entry.*

- *Video/presentation is yet to be started.*

*Marshall-*

*Added css styling and other features to various pages, including navigation (added a nav bar the tracks with each page as well as a back button. Created a image carousel to display pictures on the Home Screen, I am also working on changing AuthComponent to have log in as well as sign up and implementing AuthRoute component to track the users on the firebase in order to implement admininator access on certain pages.*

**6)** **Plans for the next increment**

*We hope to finish implementing everything that we are currently working on by the end of the next increment, as well as leave some time for things on backlog as well as to prepare for our presentation.*

**7)** **Stakeholder Communication**

***Subject:*** *Update on the State Park Web Application Project*

***Dear Stakeholders,***

*I hope this message finds you well. As we move forward with the development of our state park web application, I wanted to update you on our progress and outline our next steps. Our goal remains to provide a reliable and user-friendly service that helps visitors avoid the disappointment of arriving at full-capacity parks.*

***Progress Overview:*** *Our team has successfully deployed the initial version of the application, which is now fully operational online. We have established the underlying database and are continuously enriching it with detailed information about each state park in Florida. This data will support the application's core functionality of displaying current park capacities, which is essential during peak visitation times.*

***Challenges and Adaptations:*** *We encountered some challenges with manual data entry, which has been more labor-intensive than anticipated. This has necessitated a slight reduction in the scope of our project. Specifically, we are focusing our efforts on ensuring the application reliably handles data for Florida's state parks before expanding to other areas. These adjustments align our project with realistic goals within our timeline, ensuring we deliver a robust product that meets your needs without compromising on quality.*

***Team Contributions:*** *Each team member has played a vital role in this phase of the project:*

***Next Steps:*** *In the coming weeks, we aim to complete the database entries for all targeted state parks in Florida. This will allow us to fully test and refine the application, ensuring its accuracy and usability. We also plan to initiate the development of our project presentation, highlighting the application's features and benefits to potential users.*

***Closing Thoughts:*** *We are committed to overcoming the challenges we face and delivering a product that enhances the state park visiting experience. Your continued support and feedback are crucial to our success, and we look forward to sharing further updates with you.*

*Thank you for your trust and engagement in this project.*

**8)** **Link to video**

*Paste here the link to your video.*