

Progress Report

- Increment 1 -

Group #11

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.*

John Torres, JT19J, JohnnyBoy2001

Mark Mori, MCM20C, MorkiWay

Wilfredo Huertas, WH19, huertw

Juan Dagon, JMD21, JuanDagon

2) Project Title and Description

Our project aims to give people a new way to distribute events to their local community. We want to make an mobile app where users from different parts of the world, can tell people in the same county/community what events are being held. Whether it be a cooking event with aunt Becky to the next project X this app aims to unite people through events that are posted on the platform. The current name of the app is Adventure Time but will probably change later on. It did not change later on, we are hoping to not be sued by Cartoon Network.

3) Accomplishments and overall project status during this increment .

We started by discussing how we wanted the app to be laid out. What were relevant views for this kind of app? What kind of information would be important to our users? Currently we have created a variety of basic pages in React Native such as a simple login and registration page, as well as the very early look at how we want the User Stories to be presented to the well, the user. We have also made pages with enlarged User Stories where users can see more details on the events they are interested in. These pages have now been fully implemented with a description, a title, the user who posted it, when the event is and the address of the event. We have fully implemented showing top of posts by the number of likes that post has in another tab. It will also only display to top of posts if it is within your viewing radius. In addition, we have added the ability to set the viewing radius in the user's settings tab at the top left of the Home Page. Lastly, we have added a refresh button to the top right of the Home Page so that users can easily and freely see new events that may have popped up in our area. All these features will be presented by our team.

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

Initially we had a lot of trouble deciding which project to choose from since had submitted two. Once we chose the mobile app it became much easier to start implementing the work. Once we started implementing, it became apparent that we had very little knowledge of React Native as a platform and that caused us to stall for a bit. Once we picked up some basic knowledge, we were able to make some functional components to the pages. Then the problem became how do we navigate these easily since moving state around in React is quite cumbersome. This is when we found out about the navigation API which allows you to easily switch between screens using a stack and even allows a

very convenient way of passing information between components. After that we had trouble calling the Firebase API and having it seamlessly integrate into our system since we needed it to store User Stories and obtain them within moments notice. We had a hard time figuring out the Async function calls and how they work, but once we did figure it out, we were able to successfully integrate these features. Another hard problem we had to solve was finding and utilizing a library that gets the user current location and then gets the coordinates of events and sees if they are within the user's viewing distance. This was handled very well by our team member Mark Mori, and he did a great job at integrating this feature.

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*
John
- b) *the **requirements and design document**, including the sections they wrote or contributed to*
Juan, Mark, John
- c) *the **implementation and testing document**, including the sections they wrote or contributed to*
John, Fredo, Mark, Juan
- d) *the **source code** (be detailed about **which** parts of the system each team member contributed to and **how**)*
John, Fredo, Mark, Juan
- e) *the **video or presentation***
John

6) Link to video

Paste here the link to your video.

https://www.youtube.com/watch?v=DKiwnN-HAc&ab_channel=JohnTorres