**Progress Report**

**- Increment 2 -**

**Group #17**

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

*a)* ***Justin McKenzie, jdm17h, jmckenzie97***

*b)* ***Brisan Brown, bb16ac, briilala***

*c)* ***Sri Harshini Donthineni, sd17d, sriharshini11***

*d)* ***Benji Charles, bc18c, TheNextCEO***

*e)* ***Alex Franco, ajf16n, lxfranco1***

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

Party Finder

Party Finder is a social media app exclusively for finding parties and events in your area. Users can quickly browse for current and upcoming events, attend, and rate the party and its host afterwards. Both people and events can be followed. Users can add their own listings with custom guidelines for each of their events along with a functional mapping system to the event. We also have a payment option to pay for the tickets for the events.

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

*Describe in detail what was accomplished during this increment and where your project stands overall compared to the initial scope and functionality proposed.*

1. We completed the login functionality for the project, now our app can succesfully sign up, sign in users and save their information in the firebase database.
2. We added the mapview functionality to the app, which allows you to see where we are on the globe based on the location(latitude and logitude)
3. Template for profile tab has been added to repository but still requires further work.
4. Card template system has been coded and application within the scope of the application is now being tested.

During this increment, we redesigned the login page and linked it to firebase. Users can create a new account, sign into the account, and sign out of the account (including moderator view). We have created a basic four-tab layout which consists of Home, Trending, Nearby, and Profile. A detailed layout of each activity with description is provided to help us start working on each feature. The main features of the Profile tab have been placed on the app. Users are now able to post and edit their events, and view and share other users’ event postings. There is now a map linked to the app, that given coordinates will show you the location.

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

*Please describe here in detail:*

*- anything that was challenging during this increment and how you dealt with the challenges*

*- any changes that occurred in the initial plan you had for the project or its scope. Describe the reasons for the changes.*

*- anything that went wrong during this increment*

1. While adding the maps to the app, it took a long time to figure out how to do it on our cross platform kivy. Since kivy is relatively new and there isn’t much information or packages realted to the functionality, so it was difficult to figure out how to set it up. But figured the problem by installing the supporting packages and software in the local computer.
2. A small hiccup was discovered when attempting to run the tabular format of the application among the devices of team members, but after altering the file management convention of the project, the application became runnable on all devices.
3. Switched from developing with basic Kivy to KivyMD
4. A lot of challenges involving understanding KivyMD layouts and how to turn our vision into a functional layout

**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

i) **Sri Harshini : #2(description), #3(accomplishments), #4(challenges)**

ii) **Brisan Brown :** #2 (**Project Title and Description),** #6 (**Plans for the next increment),** #3**(Accomplishments and overall project status during this increment)**

iii) **Justin McKenzie : #4(Challenges) #6(Plans)**

iv) **Benji Charles : #4(Challenges)**

v) **Alex Franco : #3(accomplishments),#4(Problems)**

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

i) **Justin McKenzie :#5(class diagram)**

ii) **Brisan Brown : #4(usecase diagrams), textual descriptions for usecase diagrams**

iii) **Sri Harshini Donthineni : #1(overview), #4(usecase diagrams), textual descriptions for usecase diagrams**

iv) **Benji Charles : ) #3(non-functional requirements)**

v) **Alex Franco : #5(Sequence diagrams), #2(functional requirements),#3(non-functional requirements)**

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

i) **Justin McKenzie : #4(Execution-Based Non-Functional Testing)**

ii) **Brisan Brown : #3(Execution-based functional testing)**

iii) **Sri Harshini Donthineni : #3(Execution-based functional testing), #4(Execution-based Non Functional testing).**

iv) **Benji Charles : #5(non execution based testing)**

v) **Alex Franco :#3(execution based functional testing), #5(non execution based testing)**

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

i) **Brisan Brown - added geotagging and mapview functionality using kivy garden package to our app, also worked on the logout functionality**

**ii)** **Sri Harshini - added geotagging and mapview functionality using kivy garden package to our app, also worked on the logout functionality**

iii) **Justin McKenzie – added card functionality to format events in application**

iv) **Benji Charles – added logging screen and main menu screen in project**

v) **Alex Franco – added template for profile view and have begun development for moderator widget**

e) the **video or presentation**

**i)** **Justin McKenzie : #1(introduction)**

ii) **Brisan Brown : b) a short description of the state of the project and what was accomplished during this increment**

**iii)** **Sri Harshini Donthineni : c) a demo of the current project**

**iv)** **Benji Charles : Description of the current project scope**

**v)** **Alex Franco :** Describe what plans for our projects next increment and splice all team members videos together.

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

For the next increment we hope to have the dynamic card system fully integrated into our project and the map system embedded within the application working efficiently. Additionally, we hope to have a unique widget for the Moderating user to be coded and functioning by the time the next increment of the project is due. We hope to have the database fully set up and ready to add and view events as well as update the cards representing said events

**7)** **Link to video**

<https://youtu.be/3dG77QBM24g>