**Progress Report**

**- Increment 3 -**

**Group #17**

# 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***

1. **Project Title and Description**

Party Finder

Party Finder is a social media app exclusively for finding parties and events. Users can quickly browse for current and upcoming events, attend, and rate the party. 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 Chat Option to the app which allows users to chat in the app.

1. **Accomplishments and overall project status during this increment**

1.We changed our entire platform for this increment so we did all our functionalities again in this increment

2. We made login page, events page, functions for the events, chat tab, profile tab and all other listed functionalities in this increment.

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

1. We came across a lot of adversities during this increment, we realized our previous platform Kivy wasn’t compatible and lacked documentation for a lot of functionalities we decide to have in our app, So, we decided to change our platform to a different one.

2. All the team members researched other cross platform software’s to see which one is better compared to all our functional requirements and we decided to shift to Flutter and dart.

3. We started all over again with flutter starting from the login page. It took a little while for all the team members to set up everything for flutter and dart.

4. Luckily Flutter was easy to understand after a while of researching it, and now that we are pretty comfortable in finding good and documented resources, API’s, so we were able to make login page, basic events functionality pretty quick.

5. We then made a profile page that has couple functions like logout, list of events etc.

6. We then did the create an event page linked to the homepage, that allows user to create event and give in the address and other details.

7. We then made event flyer’s that are pulled when clicked on an event, which also has bunch of our other functionalities like share an event, mark the attendance, rate the event etc.

8. One of the toughest parts of the project was to get the chat function working on which all the teammates worked on together to get it working.

1. **Team Member Contribution for this increment**

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

i) **Sri Harshini Donthineni :** #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**)

All our source code is in the Benji-testing branch of our git and our documentation for increment 3 is in the master branch.

i**) Brisan Brown** – Profile, chat

ii) **Sri Harshini** – Profile tab, chat, maps, little on flyers with Justin (Couldn’t push too much from my computer later on since my android studio stopped working after a while, fortunately was able push profile tab and functionalities in it)

iii) **Justin McKenzie** – Events flyers, attendance, rating

iv) **Benji Charles** – Login, events, maps, logout, all the error fixing and idea of coming up with flutter, helped fixing bugs in all the team members code.

v) **Alex Franco** – Chat, chat integration with users, maps

During the end of the project pretty much everyone worked on all the functionalities to help each other figure out a lot of stuff since we had very little time after we changed our platform. Though you cannot see it through the commits and pushes, we all worked together to make all the bigger functionalities to work.

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

**i)** **Justin McKenzie :** Introduction

ii) **Brisan Brown :** Demo of the app

**iii)** **Sri Harshini Donthineni :** Platforms and languages used slide

**iv)** **Benji Charles :** Implementation of the App slide

**v)** **Alex Franco :** Functionalities of the App slide

1. **Plans for the next increment**

If we get a chance on working further on this project, we would like to add many more functionalities and making it similar to social media app

1. **Link to video**

*No video required*