**Progress Report**

**- Increment X -**

**Group #Y**

*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.*

# Team Members

Lucas Albano - la14j - LAMango

Jason Santos - jds17e - jds17e

Nick Watts - nsw12b - NickWattsCS

Chris Santos - ces17g - ces17g

Spencer Denis - sd16g - sd16g

1. **Project Title and Description**

Dance Marathon App.

We are creating an application for the dancers of Dance Marathon to allow them to learn about and check into events, track points and donation amounts, and get notifications by staff.

1. **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.*

BACKEND:

We have started work on creating the events and users objects. We plan on adding a user authentication system. We are also looking into different chart and graph libraries to be able chart the user activity and event info.

FRONTEND:

During this increment, we have created multiple react native screens that can be navigated to in a logical manner. The main mode of navigation is through a drawer menu that allows access to the profile, events, about and classy pages. There is also a swiping navigation feature but the client felt it might be unnecessary so it is subject to change. Along with developing the architecture of the mobile app, the profile screen has been designed to lead to a sign in/out page. This page updates its information based on whether or not the user has an account. As for the events page, it successfully pulls information from our backend and displays the details of an event. We have also added a check-in button to document when someone goes to an event.

1. **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*

BACKEND:

One challenge we encountered was that none of us were familiar with Django BUT, since we all knew python we were ready for the challenge! We were

FRONTEND:

The navigation of our app turned out to be much more difficult than we had imagined. Understanding how app containers worked in conjunction with app stacks and drawer menus took much of our time. Another issue we ran into was finding packages that were compatible with Expo, the platform we are building on top of. Expo helps to simplify some of the processes such as launching and deploying an app but there are packages that are not always compatible and will break the entire app. Our biggest challenge seems to be the time it takes to implement a new feature rather than the actual difficulty of the implementation.

1. **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:*

* 1. *the* ***progress report****, including the sections they wrote or contributed to*
  2. *the* ***requirements and design document****, including the sections they wrote or contributed to*
  3. *the* ***implementation and testing document****, including the sections they wrote or contributed to*
  4. *the* ***source code*** *(be detailed about* ***which*** *parts of the system each team member contributed to and* ***how****)*
  5. *the* ***video or presentation***

1. **Plans for the next increment**

*If this report if for the first or second increment, describe what are you planning to achieve in the next increment.*

BACKEND:

Hopefully we can make a table or something next increment. Most of our time goes to eating glue and huffing paint but this time we are ready to work! If we could be even half as great as the frontend ~~kings~~ developers on this project, we will certainly celebrate at chuckie cheese, yum yum!

FRONTEND:

Moving forward, we plan to begin fixing the authentication portion of the app to make the process smoother. As of right now, signing in doesn’t always work as it should. Our plans for the next increment also include designing the classy and about pages along with making the design of the app more responsive. On most phones, the app looks good but we would like to make sure it looks the same on any device.

1. **Link to video**

*Paste here the link to your video (only for increment 1 and 2).*