**Progress Report**

**- Increment 2 -**

**Group #5**

# Team Members

Benjamin Zech (TechZech)

Corin Bradley (CorinBradley)

Gregory Garmen (Gregbgarman)

Ian Carter (Ian-Carter)

Wesley Harris (wrh17b)

1. **Project Title and Description**

**Party Starters**

Our app is a way for college students, who attend the same school, to create and post social events in which others can attend. Each created event will have members who can post messages to a feed so that others can see. This app is a way of organizing events while creating a fun and social atmosphere.

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

The features that were accomplished during this increment are as follows

* Direct Messaging Users
* User Profile Search
* Allowing users to add their instagram accounts to their profile within settings (Users can also update if they ever change their instagram name)
* Allowing users to go to the instagram of other users
* Event Creation upgrades, allowing it to be saved to database

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

While implementing direct messaging, a challenge was implementing a real time event listener such that the messages on screen would refresh when the other person sent a message. Another challenge was loading the messages correctly so that the messages are in order of when they are sent and the very most recent message is the one that is shown when the user goes into the messaging screen.

For searching profiles, the challenge was implementing a live text change listener that performs constant querying when the user starts searching for a profile. This was a more involved process than anticipated and required writing a lot of code to make it a smooth process. Tasks such as constantly clearing the search results and waiting for network requests to execute before updating the list on screen was a necessity.

For implementing event creation, faced challenges with getting the date and time dialog pickers to work. Was able to work through it and got them to work. Also faced challenges getting the checkbox to work accurately in the save to the DB, but got it to work in the end.

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

Greg Garman

1. progress report-Discussed challenges faced
2. RD-added functional requirements
3. IT-Execution based functional testing
4. source code- implemented direct messaging and user profile search
5. Video- \*\*\*Add something

Benjamin Zech

1. Progress Report: Met with team members over Zoom/Discord in order to discuss app ideas, features, planning, and implementation
2. RD: Functional/Non Functional requirements
3. IT: Chose which APIs would be needed for features, and how they would be implemented
4. Source Code: Wrote code for Profile Fragments, Setting Fragments, and other quality of life changes
5. Video: discussed with team what was needed for video, helped with creation

Ian Carter

1. **Progress Report** - Team members, Project Title & Description, Accomplishments and overall project status during this increment, Plans for the next increment
2. **RD** - Overview, Functional Requirements, Non-functional Requirements, Use case Diagram
3. **IT** - Programming Languages, Platforms, APIs, Databases, and other technologies used, Execution-based Non-Functional Testing, Non-Execution-based Testing
4. **Source Code** - Implemented Adding instagram to their profile within settings (Can also update if they ever change their instagram name) & allowing users to be directed to other users instagram accounts
5. **Testing the login**

Corin Bradley

1. **Progress Report** - discussed challenges from coding, went over the other documents
2. **RD** - functional reqs, non functional reqs, use cases, new event creation
3. **IT** - executed functional tests for event creation and direct messaging
4. **Source code -** added object to Back4App for events, updated New Event fragment, upgraded the date and time pickers, added privacy flag for events, created confirmation fragment, and saved the event in the DB
5. **Video -** discussed plan for the video with group via discord

Wesley Harris

* 1. **Progress Report** – Collaborated with team over discord to bounce ideas and discuss feature implementation
  2. ***RD*** *– Functional requirements, overview, class diagrams*
  3. ***IT –*** *discussed programming languages, apis, parse implementations*
  4. **Source Code –** assisted with fragment transition and attempted to create interface communication with main activity
  5. **Video –** discussed video plan with team over discord

1. **Plans for the next increment**

* Display posts on home screen
* Add location and image upload to New Event Creation
* Edit Created Event Screen
* Customization of profile
* Creation of top navigation bar that can lead to screen containing conversations
* Overall UI improvements

1. **Link to video**

[increment 2 - YouTube](https://www.youtube.com/watch?v=3FCHVX5l1Co)