

# **Progress Report**

**- Increment II -**

**Group 9**

## **1) Team Members**

Kevin Tran - kt16m - Stripey

Mkhuleko Bemiller - msb16c - seanbemiller

Sean O'Meara - spo17 - sean7956

Andres Ponciano- ap17x - AndresPonciano

Patrick Zatz - pgz16 - Patrick-Zatz

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

### **Procrastinain't**

A time management application that will allow users to import and create schedules within the app and export to google calendar. Has options to share created classes for other users to add them to their schedule for quick access and other study features.

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

Able to read the user's existing calendar events into the application to plan around

Upload user created events into the firebase that other users can add

Able to write events that the user created within the app into the local calendar

Completed the Event Adder page.

Created the Procrastinain't button, activity and dialogs

Added a ListView to display the events when a date is clicked on

Able to save notes to devices local download folder and user has option to name the download

Change button styles and some layout changes to notes page

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

- From what we could find, there was not an existing library to calculate when recurring events occurred, so that was calculated manually from the RRule
- We ran into issues when two events overlapped
- Saving notes to devices local download folder only work on Android 9.0 but not Android 10.0

- List view for the notes displays the whole note and not just the first line of the note, so if the user has a long note it displays the whole thing on the notes page
- We also had a lot of trouble error checking the inputs the user gave to make events
- Changed navigation method to use the action bar rather than a slide out hamburger menu as planned due to most hamburger menu implementations relying on the use of fragments rather than activities or relying on deprecated libraries.
- We decided to not add priority to events as it was not deemed necessary
- Requesting permission works, it only request one permission per launch instead of all the permissions at once. User would have to go to app info and enable all permissions if they want all the features on the first launch

## 5) Team Member Contribution for this increment

1. Kevin Tran
  - a. Contributed to all the reports
  - b. Created the activity that allowed the user to import events that exist on their local calendar
  - c. Added to the event created the ability to upload the event to the firebase
  - d. Added ability for the user to save events that are on the firebase to their device
  - e. Created the event class that contained functions that made it easier to calculate things such as the events actual date and time.
  - f. Refracted code to use the Event class
2. Andres Ponciano
  - a. Contributed partly to iteration 2 and 3 reports
  - b. Created a fully functioning pomodoro timer.
  - c. Stored individual user data into a database and displayed user stats in timer.
  - d. Created onReceive class that sends notifications to user at the beginning of the day.
  - e. Displayed current day events on timer to improve users' productivity.
  - f. Added notifications to remind the user to open the application
3. Sean O'meara
  - a. Added to my Contributions, Changes made during this increment, challenges and Accomplishments.
  - b. Updated Functional Requirements, added the Procrastiain't Use Case.
  - c. Wrote on the Execution-Based Functional testing.
  - d. Finished the EventAdder activity, Finished the Procrastiain't Activities and dialogs, Added events to the calendar when selected.
  - e. Spoke about the EventAdder page, Procrastiain't page, and the calendar displaying the events.
4. Mkhuleko Bemiller
  - a. Noted own contributions in the contribution section.
  - b. Contributed to the Project Overview description as well as Assumptions and Dependencies.
  - c. Added to non-execution based testing description and textual description of the use case
  - d. Added new Button icons and replaced sign in and sign up XLM pages.
  - e. Implemented then removed different slide out menu implementations.

- f. Switched to action bar based navigation with sub categories.
- 5. Patrick Zatz
  - a. Added to my own contributions and to changes, challenges and accomplishments in the Progress Report
  - b. Updated use case diagram in Software Requirements and Design Document
  - c. Contributed to the Non-Execution-based Testing on the Software Implementation and Testing Document
  - d. Updated the Notes page to be able to save notes to the devices local download folder. The save button prompts the user to name the note download and displays a message to the user with the download directory. Updated the button icons and layout of notes page.
  - e. Helped with revised xml for different pages.