

# **Progress Report**

## **- Increment 1 -**

### **Group Puzzalarm**

*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.*

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

*Please write the **name** of all the team members, their **FSU IDs**, and **GitHub IDs** here.*

Devin Moure - dm17 - @DevinM4

Ryan Gutierrez - rag16b - @pyrokuna

Zachary Gutierrez - zcg16 - @Elegade

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

*Briefly describe your project*

Puzzalarm is a life optimization tool that helps users wake up more alert and have more productive days. With the requirement of solving a puzzle to turn off the alarm, the user must be fully cognizant/awake to turn the alarm off.

#### **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.*

Much of the groundwork has been laid out. This includes a basic UI where a user can navigate to the alarm page, use a time picker, and choose when they would like the app to alert them. We still need to run an Android service that will wake the device up when the system time equals the user's selected time. Once the base project has been completed, we hope to add other functionality.

#### **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*

Dealing with some Android classes was a struggle, particularly RecyclerView. The difficulty was just understanding how the class works and how to use its functions because it replaces ListView (a Class we understand better) which will soon be deprecated. The issue had to do with not calling functions properly in the RecyclerView adapter class.

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

No changes to the original plan have been made so far. We have the same MVP, and final goals for the project. As well as some goals that are slightly more difficult and we'd like to try our hand at if we have time. We will update whether or not those goals will be in the final product in later increments.

*- anything that went wrong during this increment*

We struggled for a day or two getting RecyclerView to show a list of our alarms, a main component of our app. Now we are having some minor issues dealing with Android Intent Services so the alarm can be played while the user is not in the app, but no major issues.

## 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**

Devin Moure - Sections 1, 2, 3, 4, 5, 6

Ryan Gutierrez - Sections 1, 2, 3, 5, 7

Zachary Gutierrez - Sections 1, 2, 3, 4, 5

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

Devin Moure - Worked on everything.

Ryan Gutierrez - Sections 1, 3, 4, 7

Zachary Gutierrez - Sections 1, 2, 3, 4, 5

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

Devin Moure - Worked on everything.

Ryan Gutierrez - Sections 1, 2, 4, 5

Zachary Gutierrez - Sections 3, 4, 5

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

Devin Moure - Worked on everything.

Ryan Gutierrez - Assisted in early implementation of UI elements (The different parts of the MainActivity to be more specific).

Zachary Gutierrez - Helped correct RecyclerView, and clean up UI.

**e) the video or presentation**

Devin Moure - Wrote bullet point script.

Ryan Gutierrez - Recorded video.

Zachary Gutierrez - Voiced video.

## 6) Plans for the next increment

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

We have big goals for our second increment as we would like to have an actual finished MVP where a user can be woken up by an alarm and have to solve a math problem to turn it off. If we have time before iteration 2 we would like to add a match game as well, if not that will be part of iteration. Also, the UI needs a lot of work but we still need to discuss the design. The home screen could use a nice landing page that shows you the weather in your local area using an API and along with a Calendar view that shows alarms/events for the week.

**7) Link to video**

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

<https://youtu.be/uChZP8Nw6yk>