**Progress Report**

**- Increment 2 -**

**Group AssignmentBuddy**

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

Virginia Sicuriello FSU ID: ves16c devOps: ves16c@my.fsu.edu

Jeffrey Knappman FSU ID: jkk17b devOps: jkk17b@my.fsu.edu

Kelsey Ziemba FSU ID: kjz17b devOps: kjz17b@my.fsu.edu

Analise Saunders FSU ID: as15x devOps: analisesaunders@gmail.com

Ashley Ellis FSU ID: ake17 devOps: ake17@my.fsu.edu

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

The project title is AssignmentBuddy, this project’s idea is to create an app to manage a student’s classes to ensure greater success. This app will allow students to view their grades, view their upcoming assignments, and interact with other students within their classes. This will also allow professors to obtain a simpler means of interfacing with their students. Students will be able to keep a calendar within the app to remind them of the things that they need to do and the upcoming due dates on assignments.

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

During this increment we began working on the functional requirements of our project. We began creating the databases for our project in order to create the user accounts for both students and professors. We were able to create the calendar portion of the accounts as well as the to do lists for both sets of users. The settings screen was created allowing people to sign out of their accounts including choosing their notification settings and others.

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

For this increment, we found the challenge to be trying to make the various databases for the accounts. Most of the group had never before used databases this way except for one member. She was able to explain to all of us how it should work and help us set it up in a way that these accounts are able to be made. We have still not had to make any of the changes for the complete project. We still believe that we will be able to complete everything that we had first set out to make. We also found it difficult trying to make different portions of code when we were not able to see what everyone else was doing.With the outbreak of COVID-19, we have been faced with the challenge of no longer being able to meet up face-to-face. As an alternative, we conduct ZOOM sessions in order to work together and work toward completing our goal of finishing the application.

**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*

Jeffrey: Added to accomplishments during this increment

Kelsey: Contributed to the challenges and plans for the next increment

Virginia: Contributed to the challenges section and checked grammar.

Analise: Contributed to #6: Plans for next increment.

Ashley: Assisted in checking grammar and syntax related issues, as well as contributed to the answer for questions 4 and 6.

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

Jeffrey: Updated functional requirements.

Virginia: Helped updating the document.

Analise: Provided proof-reading and feedback review to member’s concerning functional requirements for our applications development.

Kelsey: Mainly checked over the grammar of the document

Ashley: Updated non-functional requirements, the sequence diagram, and assumptions and dependencies sections to ensure relevance to this iteration.

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

Jeffrey: Added to Execution-based functional testing

Virginia: Contributed on the Execution-based Functional and Non-Functional Testing.

Analise: Contributed to #3,4,5 - Execution-based Functional and Non-functional testing & Non-execution-based testing.

Kelsey: Added to the Non-Functional testing

Ashley: Assisted with checking grammar of updated sections, and contributed edits to questions 4 and 5.

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

Jeffrey: CourseActivity.java for for implementing and adapter class that will allow us to display the courses for students and Professors, activity\_course.xml, and listview\_item.xml for creating items in the list. Also linked more pages together.

Kelsey:SettingsActivityPage.java,NotificationsScreen.java,PrivacyNotif.java, PrivacyMessages.java,activity\_notifications\_screen.xml,activity\_privacy\_messages.xml, activity\_privacy\_notif.xml, settings\_activity.xml

Virginia: ToDoList.java, activity\_to\_do\_list.xml and item.xml

Analise: Created the user Calendar for our app - uses sqlite database to store user’s input of an event and set time. This event is then stored and output onto the Calendar’s interface, where the user can then view it. Files involved for calendar implementation: (.java Files: CalendarScreen.java, CustomCalendarView.java, DBOpenHelper.java, DBStructure.java, EventRecyclerAdapter.java, Events.java, MyGridAdapter.java.) + several other .xml files inflated by .java files & for calendar UI design manipulation.

Ashley: Created additional SQLite datatables to store user information, and implemented code for Broadcast Receiver to send a notification when a reminder for an assignment or to-do list item occurs. (CoursesDB.java, ReminderReceiver.java, Grades.java, infoscreenfragment.java)

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

Jeffrey: editing, uploading, and talking about courses activity.

Kelsey: Spoke about the settings activity for the app.

Virginia: spoke about the configurations of the To Do List interfaces in the application and about the Execution-Based Functional and Non-Functional Testing.

Analise: Conducted a walkthrough of the Calendar’s functions (adding events & set times + navigation) and UI design, as well as a brief review of it’s code implementation.

Ashley: Spoke about the database table creation and the broadcast receiver creation, as well as tasks to implement for the next increment.

**6)** **Plans for the next increment**

For the next increment, we will finish our project. We will have finished AssignmentBuddy and have a working Android App. Our main goal for this increment is to implement our messenger feature which allows interaction between students and their professors. This is the only large part of the project that we have remaining. Next iteration, we also plan on adding more functionality to the user’s calendar. For now the calendar simply adds events, but we would also like to implement a feature where the user can delete events as well. Also, within this increment we will implement the design details that are left to make this app more appealing for users. We want to tie everything together to make this app truly better than Canvas. We will continue our ZOOM sessions to make sure that all 5 of us have the same understanding, since we will be unable to meet in person. This increment will be left for us to finish all the tiny details we have remaining and truly tie the app together.

**7)** **Link to video**

https://youtu.be/qOzeEtH8x\_A