**Thays Bernardes Casado**

**CSIS 4175 Mobile App Development II**

**Final Project Report Individual**

General timeline

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| **Date** | **Hours** | **Description** |
| October 17th | 3/4 | Creating GitHub with Luan and Setup branches and issues to complete the project.  Added colour resources that are going to be used in the project. |
| October 25th | 3 | Creating activity\_main.xml and the login and sign-up fragments. |
| October 30th | 3/4 | Creating your account fragment, logout layout adds the signup and login fragment inflate |
| November 1st | 2 | Reviewed Joel and Luan layouts branches to be merged |
| November 2nd | 5 | Creating Admin dashboard recycler view and recycler view items, transaction recycler view and items, Tool bar |
| November 3rd | 2/3 | Writing interim projects and solving conflicts to merge the branches |
| November 3rd | 4 | Create the logout activity  Create a signup and login fragments, that later on we decided to change to activities  Created Admin Recyclerview dashboard layout  AdminDashboard changes, add vectors for header and buttons, created drawables for the delete button in the admin dashboard, activity  Admin recycler view item  Toobar layout, change the themes to noActionbar, so we can use our own header  Dimens xml  Strings xml  Recycler view for transaction\_recycler item and Transaction activity |
| November 25th | 4/5 | MainActivity.java setup buttons intents  SignupActivity database settings with joel, firabase instance and addvalueEventListener, methods ondatachange, submit form and createUserWithEmailAndPassword from auth  User entity  Changed signup and Login to activities |
| November 30th | 2 | Login activity, set the Home acvitity firebase user and userview mode already created.  Your account fragment database reference  User viewmodel for the login ui admin |
| December 1st | 30min | Review crew pull requests |
| December 3th | 4 | Admin home page dashboard, login activity firebase and auth  Userlistadapter and userviewholder with Luan for recyclerview admin |
| December 5th | 5 | Worked more on the admin dashboard userlistadapter and viewholder with luan  Added deleting users feature  Toobar logout fragment to menu client and admin  Layout adjustments  Tried to block the twice signup (not completed) with luan and Joel |

Limitations & issues experienced

* We faced some issues with .idea/misc.xml, it keeps adding a key-value with our local project each time.   
  (Not solved): we ignored the file.
* Issues trying to block the user to create an account with the same email

(Not solved): We tried many options but we can get a varible to get inside of the addvalue method from firebase, it always gets null (different thread maybe).

* Issues: Redirect the users, check the userstatus

Solved: Luan and I figure a way to snapshot the userStatus and use it to separate the activities.

* Issues: View holder for the recycler view and use the button to delete the user

Solved: Luan and I solved it.

Activities:

* Layouts: Designed the layouts on figma and created them on android (focused on recyclerview items)
* AdminDashboard: created the recycles view and worked on the logic with luan
* Signup: worked with joel to connect the firebase realtime
* Login: worked with Luan to verify the firebase realtime and retrieve the userStatus to redirect each user to the home.