

Sprint 1 Document

1. Project Title and Authors

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2. Preface

The purpose of CASHew is an Android Budget Management App that helps users manage their spending habits. Everyone struggles with how to spend their money, and what to spend their money on. This app will help change that while making it interactive and fun for the user.

Scrum meetings:

- 4/12/2022
 - Start: 4:30
 - End: 5:22
 - Location: online
 - Summary of Performances:
 - Jason
 - Researched different ways to make the app better, planning on doing Code reviews and fixing the layout issues, no impediments seen.
 - Aidan
 - Worked on code reviews, planning on doing more code reviews, no impediments seen.
 - Bernard
 - Researched the code and different ways to make the app better, going to work on code reviews, no impediments seen.

- Minh
 - Working on password recovery feature. Exploring implementation for email verification feature.
 - Mina
 - Worked on creating the cashew and creating account. Will continue to work on these things. No impediments seen
 - Margaret
 - Worked on implementing categories. Looking into disappearing budgets after the start of the next activity. No impediments seen.
 - Andrei
 - Worked on code reviews, will continue to review code. No impediments seen.
- 4/13/2022
 - Start: 8:30pm
 - End: 8:50pm
 - Location: Online
 - Summary of Performances:
 - Jason
 - Worked on code reviews and will continue to do code reviews as work on layouts. No impediments seen.
 - Aidan
 - Worked on code reviews and will start generating some black-box and white-box tests. No impediments seen.
 - Bernard
 - Worked on code reviews and will start to work on layout issues. No impediments seen.
 - Minh
 - Worked on the password recovery feature and will continue to work on this feature. No blockage. Everything is on track.
 - Mina
 - Tried to get the cashew create account to work and will do some research about how to implement the auto logout screen for security.
 - Margaret
 - Continued working on implementing editing budgets. Starting work on the layout design for the edit button. No impediments seen
 - Andrei
 - Continued working on code locally. No impediments seen.
- 4/14/2022
 - Start: 4:38pm
 - End: 4:53pm
 - Location: Online
 - Summary of Performances:
 - Jason

- Worked on code reviews and fixed layout, subject to code review. Will work on tracking user spending and budget. No impediments seen.
 - Aidan
 - Worked on code reviews, and will continue to do more. Will type in a couple of tests today to check results. No impediments seen.
 - Bernard
 - Worked on code reviews. Tried to fix the layout. Will see if layout needs to be improved, work on code reviews. No impediments seen.
 - Minh
 - Finished forget password feature. Working on email verification feature. No blockage.
 - Mina
 - Trying to create an account doesn't work on her end. Will do some research about how to implement the auto logout screen for security. No impediments
 - Margaret
 - Finished editing budgets. Continuing work on the layout design for the edit button. No impediments seen.
 - Andrei
 - Worked on code reviews and layouts on my end.
- 4/15/2022
 - Start: 4:40pm
 - End: 4:55pm
 - Location: Online
 - Summary of Performances:
 - Jason
 - Reviewed and worked on improving code in layouts and code submitted for review by peers, no impediments seen.
 - Aidan
 - Worked on code reviews, and will continue to do more. Will type in a couple of tests today to check results. No impediments seen.
 - Bernard
 - Researched on navigation drawer. Will see if layout needs to be improved, work on code reviews. No impediments seen.
 - Minh
 - Working on verifying features. Will do research on implementation from Firebase.
 - Mina
 - Will do some research about how to implement the auto logout screen for security. No impediments
 - Margaret

- Finished layout design for the edit button. Starting work on missing budgets. No impediments seen.
 - Andrei
 - Pulled the code from github to check if it works correctly on my end. Found out gradle issues, but fixed them.
- 4/18/2022
 - Start: 4:30pm
 - End: 4:50pm
 - Location: Online
 - Summary of Performances:
 - Jason
 - Reviewed code for code reviews and fixed some code that had errors in it. Worked on tracking user spending in the budget category feature and is almost done. Should be done tomorrow. No impediments seen.
 - Aidan
 - Worked on code reviews, and will continue to do more. Will type in a couple of tests today to check results. No impediments seen.
 - Bernard
 - Researched on email verification features. Will see if layout needs to be improved, work on code reviews. No impediments seen.
 - Minh
 - Still working on verifying features. Exploring best implementation for email verification feature.
 - Mina
 - Trying to implement the auto logout screen for security, but no push implementation.
 - Margaret
 - Finished missing budgets. Noticed issues with disappearing changes on edited budgets.
 - Andrei
 - Checking the layout and how they can be improved in terms of UI.
- 4/19/2022
 - Start: 4:30pm
 - End: 4:50pm
 - Location: Online
 - Summary of Performances:
 - Jason
 - Finished code for updating progress for budget, submitted for review on github. Will look into how progress can be kept after closing the app. No impediments.
 - Aidan
 - Researched black-box and white-box testing. Will figure out a good tool to use for testing our project. No impediments seen.

- Bernard
 - Finished working on email verification features. Did research on the navigation drawer. Will see if layout needs to be improved, work on code reviews.
 - Minh
 - Still working on verifying features. Exploring best implementation for email verification feature.
 - Mina
 - Fixing splash screen activity and working on the code reviews. Trying to implement the auto logout screen for security, but no push implementation.
 - Margaret
 - Working on disappearing budget changes. Conflicts with adapter.
 - Andrei
 - Worked on reviewing the pull requests. Researched white-box testing examples but did not find the right ones yet.
- 4/20/2022
 - Start: 4:30pm
 - End: 4:50pm
 - Location: Online
 - Summary of Performances:
 - Jason
 - Finished code for updating progress for budget, submitted for review on github. Will look into how progress can be kept after closing the app. No impediments.
 - Aidan
 - Worked on creating black box tests using Espresso. Will continue to generate tests and share them to Github. Potential impediments in testing if layouts change too much.
 - Bernard
 - Finished working on email verification features. Did research on the navigation drawer. Will see if layout needs to be improved, work on code reviews.
 - Minh
 - Doing code review. Exploring best implementation for email verification feature.
 - Mina
 - Code reviews and trying to implement the auto logout screen for security, but no push implementation.
 - Margaret
 - Fixed adapted conflicts. Finished disappearing budget changes as well as disappearing categories.
 - Andrei

- Found out a good way to validate passwords and emails using the regex. Might take a different approach.
- Sprint review: 4/21/22
 - Start: 4:30pm
 - End: 5:45pm
 - Location: Online
 - Summary of Sprint:
 - As a group we were able to add a password reset feature, add a splash screen, the user can now update their progress while checking their budget, to see if they are within budget. We added an email verification feature to have the user verify their email.
 - We had also planned on adding more security features but couldn't get around to that. We were busy dealing with other issues and making sure that the test cases worked. We planned on finishing up the progress tracker so that the data is saved between activities, but we weren't able to figure that out yet.
 - While we were able to solve the issues with disappearing budget changes and new categories, we did not have time to implement category changes. This will be prioritized in the next sprint. We also could not yet figure out the problem involving the progress the user makes on the budget not being saved.
 - We were able to add everything smoothly and we were able to smoothly link our GitHub and Android Studios which was a problem when creating the base functionalities. Code reviews went smoothly.
 - Doing code reviews should be done quicker. Don't accidentally press the merge button. Delete branches after merging them. Create test cases earlier