# Progress Report: CosmicCram Study Planner

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| **Team Name**: Asteroids | Date: 15 April, 2024 |
| **Team Members**: Navkirat Puri, Tanzela Fatema, Zain Naeem, Falmata Obsa | Reporting Period: Phase 4 |

## Introduction

As part of your ongoing project to develop a mobile application, you are required to submit a progress report at the end of each phase of the project. This report should summarize the work you have complete so far, the progress towards meeting the project goals, and identify any challenges your team has encountered.

## Instructions

1. Use the templates below as thought starters for your progress report.
2. Submit this progress report with your work at each stage of the project.
3. Only one submission per team is required.

## Phase 4 – Building the App

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| **Highlights and Accomplishments** | What major tasks that have been completed in this phase of the project?  Our code imports various modules and components from external libraries such as React, React Navigation and Expo. Some of the key imports we used are useEffect, useState and NavigationContainer.  For the welcome screen, we’ve designed the app in a way where it will show the welcome screen only on the first open so that when we switch between tabs, we can navigate within a separate stack of screens related to that specific tab.  We have implemented a bottom tab navigator that represents the main navigation structure of the app. It will respond to different features linked with the screens section of our code.  Another major task is that our code imports AsyncStorage from @react-native-async-storage/async-storage. This library provides an asynchronous API for storing data on the device which means we can use it to save user-specific data locally. The app work smoothly without any delays as it's asynchronous.  We’ve also implemented completely functional different screen components which includes HomeScreen, SettingsScreen, TasksScreen, NewTask, WelcomeScreen, CameraScreen, and NotesScreen.  Another important function is when the user is not logged in, they are redirected to the welcome screen to log in.  We also have a TaskCards component which loads tasks from AsyncStorage and displays them in cards, allowing users to make changes to the tasks. |
| **Challenges and Issues** | What challenges, issues, or obstacles did you encounter and how did you overcome them?  For the styling of our app, we just had a little bit of a problem in balancing out the aesthetics. We have fixed our CSS making our study planner app visually appealing as well as ensuring that it still remains functional. We were also slightly worried that our app might not perform well on different devices which we then sorted out ensuring that it’s running properly on every device. |
| **Individual Contributions** | What did each member of the team work on in this phase of the project?  All our team members contributed for the project. Zain has worked on the functionality part of our mobile app writing the code and adding new functionalities as well. Navkirat worked on the styling of our app making sure that the app’s aesthetic goes well together and the app has a user-friendly interface. Obsa and Tanzela (me) checked on the app running smoothly on all devices. Lastly, Tanzela, I worked on the progress report. |
| **Team Plan for Next Phase** | What do you plan on completing in the next phase of the project?  Our next phase is phase 5, Reflection and Peer Assessment, where we will complete the questions individually for each member. |
| **Individual Plan for Next Phase** | What do you plan on completing in the next phase of the project?  I plan to focus on my assigned tasks and contribute to the successful completion of our mobile application. |