

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

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Stay Focussed

Description

Ever felt that you're spending too much time on your mobile phone? Well we've got a solution for you. Stay focussed tells you how much time you're using each of your installed applications per day, week and month. It will give you a sense of how much time you could have put to better use instead of loitering around on unnecessary things.

Intended User

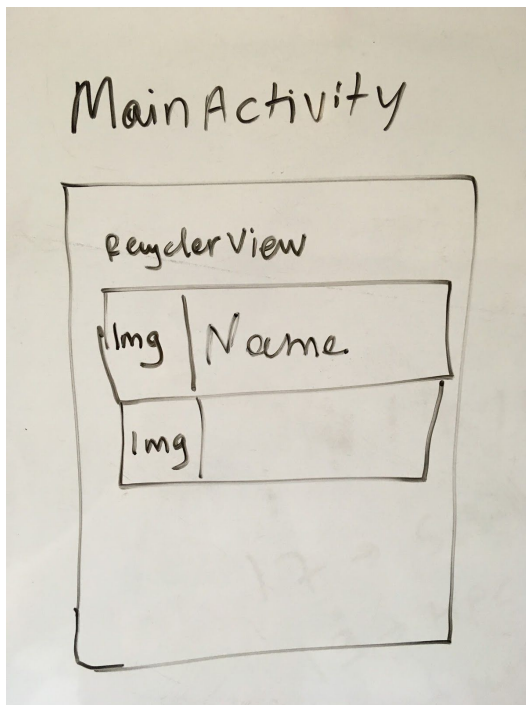
The younger generation who are stuck to their phones all the time, hopefully giving them a metric of how long they use their phone might help.

Features

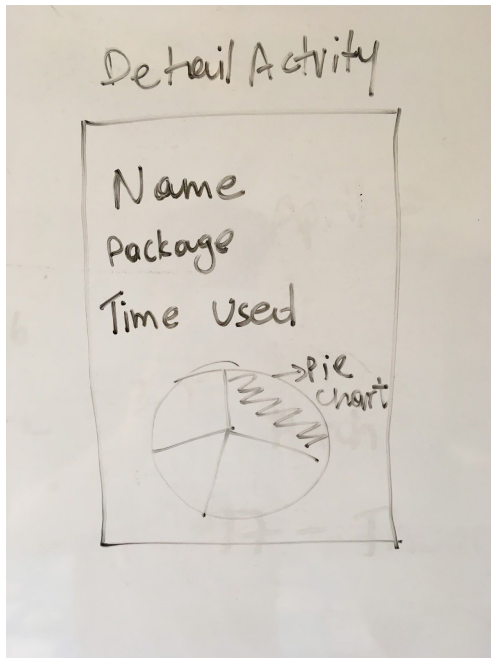
- Saves information
- Shows hours you've used any application
- Shows Pie Chart with the distribution of time you've used the app

User Interface Mocks

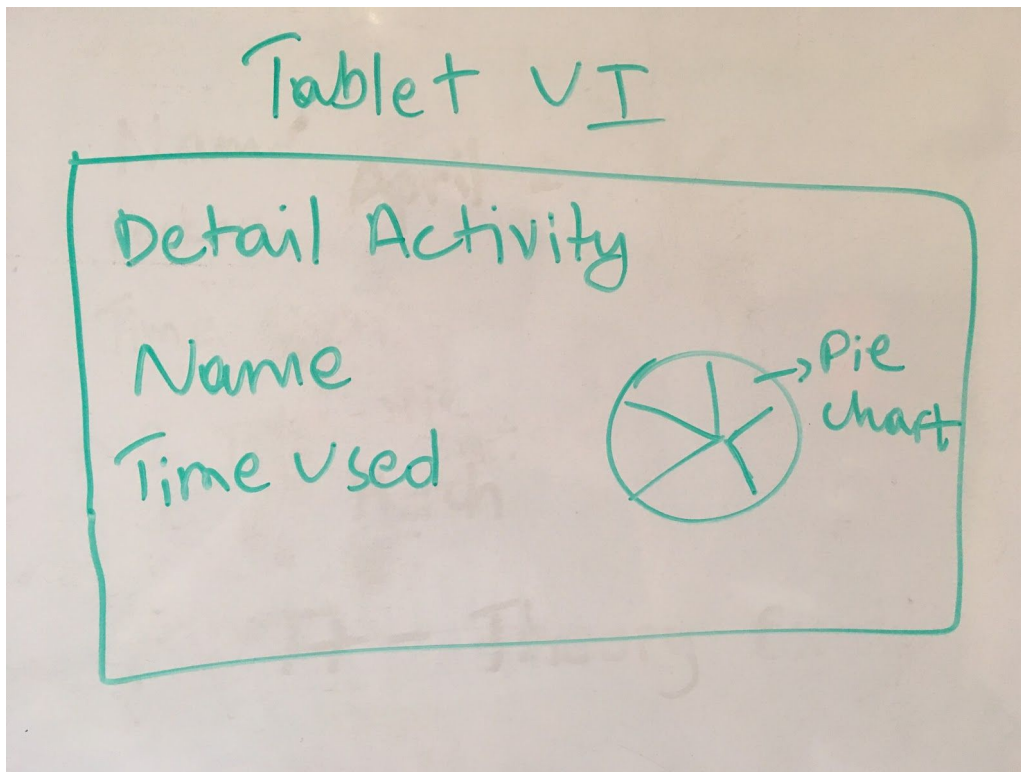
MainActivity



DetailActivity



DetailActivity Tablet



Key Considerations

How will your app handle data persistence?

Create a content provider and store information about older applications that might have been uninstalled.

Describe any corner cases in the UX.

N/A

Describe any libraries you'll be using and share your reasoning for including them.

<https://github.com/PhilJay/MPAndroidChart> For making a pie chart.

Maybe a library for content providers from Android Arsenal while doing the app.

Describe how you will implement Google Play Services.

N/A

Next Steps: Required Tasks

Task 1: Project Setup

- Configure ContentProvider
- Test the newly constructed ContentProvider
- Show information on the details view

Task 2: Implement UI for Each Activity

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for DetailActivity

Task 3 Build the MainActivity

- Write logic for getting the application's installed and time used
- Apply to a RecyclerView and handle the click event to open a details view

Task 4: Build the DetailActivity

- Design and create a tablet layout for this view
- Show information about the particular application and how long you've been using it here.

Add as many tasks as you need to complete your app.

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