

MovieJournal Summary of Hours

Hours for Zach

Task	Hours	Justification
Research Google Play Requirements	3	Watched youtube tutorials and read articles from Google on their play console website.
Design interface of the app with sketches, feedback, and a defined set of user needs	4	Drafted potential UIs, showed them to friends and family, gathered feedback, used this to determine initial UI design and list of user needs
Develop the functionality to view a previous journal entry	2	Developed functionality in Android studio and did rigorous testing to make sure it worked as intended.
Develop the functionality to delete a previous entry	2	Developed functionality in Android studio and did rigorous testing to make sure it worked as intended.
Develop the GUI for the app	4	Created multiple activities with multiple components, ran through multiple iterations of UI designs to make sure it looked good on multiple devices and layouts.
Test the app to find any bugs	5	Manual testing of the app, done during development and after the prototype was uploaded on my own device.
Build app bundle of prototype	2	Followed a few tutorials from YouTube to create an app bundle, but had to do it a couple times since there were things not included in those tutorials such as completely restructuring the apps files.
Set up account and app with Google Play Console	1	Had to fill out multiple forms to set up a developer account and create the app.
Upload app bundle and start closed testing	1	Had to fill out forms to get started with closed testing.
Gather Testers and Feedback	2	Gathered emails from friends and family to test the app and had to get feedback from them to update the app.
Create Google Play Store page and images	3	Created app icons, play store icon, play store images, and play store background image, also write up descriptions and fill out necessary forms.

Update app after closed testing	3	Include findings from feedback gathered and include app icons.
Expo Poster Creation	2	Write up different sections, plan out the layout, gather images to be included in the poster.
Expo Presentation	6	The whole expo.
Update Repo and Files	2	Joined a call to update files after the expo for the Final Report
Time spent meeting together and discussing the app	3	General time spent discussing the app outside of the sections described above such as how we'll go about the things we needed to accomplish to achieve our milestones.
	Total: 45	

Hours for Nate:

Task	Hours	Justification
Research Android development and determine which language is best suited for this project	3	Spent time watching YouTube and reading through different online forums on mobile app development through Android Studio to figure out 1) how developing an app through android studio worked and 2) which language we should use.
Develop a database where the user's journal entries can be stored	5	Watched many different YouTube tutorials on SQLite and spent time creating/debugging the database.
Develop the functionality to create a new journal entry	3	Spent time creating the functionality to create a new journal entry and test that functionality.
Develop the functionality to update a previous entry	3	Spent time creating the functionality to update a previous entry and test that functionality

Verify the app has met the requirements set	2	Spent time looking through the features of the app to see if all of our intended features are present
Test the app to find any bugs	8	Spent lots of time testing the app through an emulator in android studio. As well as spent time playing around with the app on my phone once the app was put into closed testing.
Update app after Closed testing	2	Spent time making changes to the app after doing closed testing. The changes were determined based on our testing as well as our outsourced testers feedback.
Poster Creation and Pick Up	4	Spent time creating the designing the poster. I then had to walk to campus to pick up the poster.
Expo Presentation	6	Spent time at the expo sitting at our booth presenting our project to attendees and judges.
Update Repo and Files	2	Spent time updating our many documents to reflect the final version of the app.
Create Design Diagrams	1	Spent time creating the design diagrams for the fall and spring presentations.
Gathering testers and listening to feedback	3	Spent time reaching out to friends and family asking if they would be willing to help test our app. Also spent time talking with them to get their feedback on the app.
Time spent meeting together to discuss the app	3	Spent time meeting with my partner, Zach, discussing the app and seeing where we wanted to take it
	Total: 45	