Capstone Project 2021
The Complete Recorder

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Abstract

The complete recorder app is a sound recording app with organizational features for easy access and search. The app includes features which we have been looking for, however, these features do not exist on the apps currently in the market. Most sound recorders pile up recordings into a list, without basic search functionality and organization to help users find a specific recording. As some users have lots of recordings per week, sifting through a pile of recordings and playing each one of them just to find the one recording they're looking for can be a pain. The complete recorder app will help to solve these issues.

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2.0 Requirements and Specifications

2.1 Project Scope

The scope of this project is to create a cross-platform recording application which will include features we believe a good, complete, recorder should have. This includes features such as:

- A fully functional, user friendly recording page
- Organizational features; this is to ensure that recordings are not just in a list, and can be organized, either through folders or tags
- Search functionality; if a user wants to quickly search for a specific recording, without going into all the folders they might have created.

2.2 Project Timeline

The table below shows the timeline of our project.

	September	October	November	December	January	February	March	April
Phase 1	Project Requirements							
Phase 2				Studying Dart and Flutter				
Phase 3					Code Development			
Phase 4							Testing	

We had a time constraint. We began the preparations for the project in September, and the project was set to conclude at the end of March/mid April.

2.3 User Story Map

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