The Complete Recorder



Project Background:

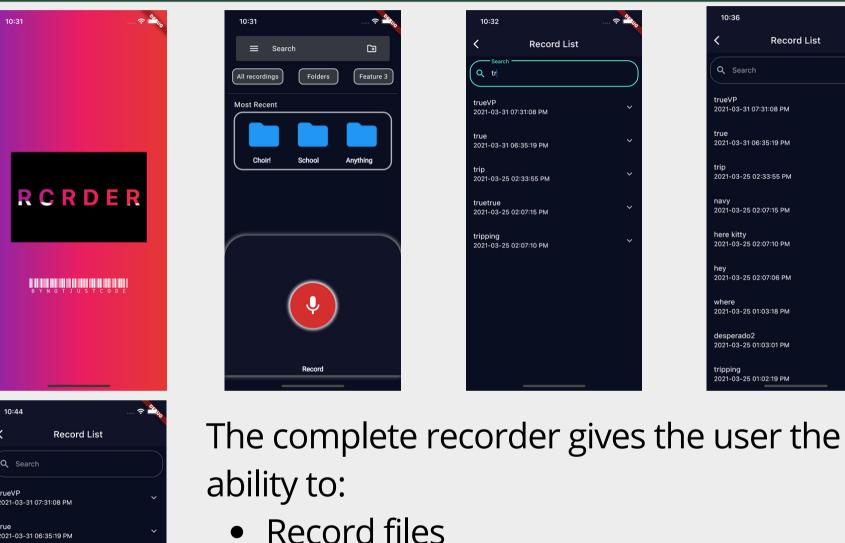
A sound recording application with features to help searching and organizing recordings better. These include but are not limited to:

- Folders for different recordings
- renaming recordings
- Search functionality

Methods: and Software:

- Our app uses Flutter to achieve cross-platform for both Android and iOS
- We used multiple Flutter packages such as the audioplayers package and the path_provider package to make our app functional.
- We took a Minimum Viable Product (MVP) approach in product development
- To keep track of our work, we used DevOps to update our work items and keep track of what each member is working on, as well as time spent on the tasks

Azeezat Lawal, Mfonisoabasi James, Shafiq Zainuddin Faculty of Engineering and Applied Science, University of Regina



• Record files

P 21-03-25 02:33:55 PM

avy 021-03-25 02:07:15 PM

nere kitty 2021-03-25 02:07:10 PM

021-03-25 02:07:06 PM

- Playback, pause, stop and scrub through recordings
- Rename recorded files
- Search through recordings

| 10:36 | | | |
|--------------------------------|-------------|---|--|
| < | Record List | | |
| Q Search | | | |
| trueVP 2021-03-31 07:31 | :08 PM | ~ | |
| true 2021-03-31 06:35 | 5:19 PM | ~ | |
| trip 2021-03-25 02:33 | 3:55 PM | ~ | |
| navy 2021-03-25 02:07 | 7:15 PM | ~ | |
| here kitty 2021-03-25 02:07 | 7:10 PM | ~ | |
| hey 2021-03-25 02:07 | 7:06 PM | ~ | |
| where 2021-03-25 01:03 | 3:18 PM | ~ | |
| desperado2 2021-03-25 01:03 | 3:01 PM | ~ | |
| tripping 2021-03-25 01:02 | 2:19 PM | × | |



Next Steps:

Some additional features will be adding to our application in the future:

- Text to Speech Plugin
- Trim and Cut parts of the recordings
- Speeding or Slowing Down Recording

Acknowledgements:

- University of Regina Engineering
- Dr. Timothy Maciag, PhD
- Dr. Yasser Morgan, PhD
- Angela Yu, The Complete 2021 Flutter Development Bootcamp with Dart

Team Information:

GitHub

• https://github.com/NotJustCode 3/The Complete Recorder