

**MICHIGAN STATE**  

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**UNIVERSITY**

**Beta Presentation**  
**Build-an-App for Humanities**  
**Researchers**  
**The Capstone Experience**

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*From Students...*  
*...to Professionals*

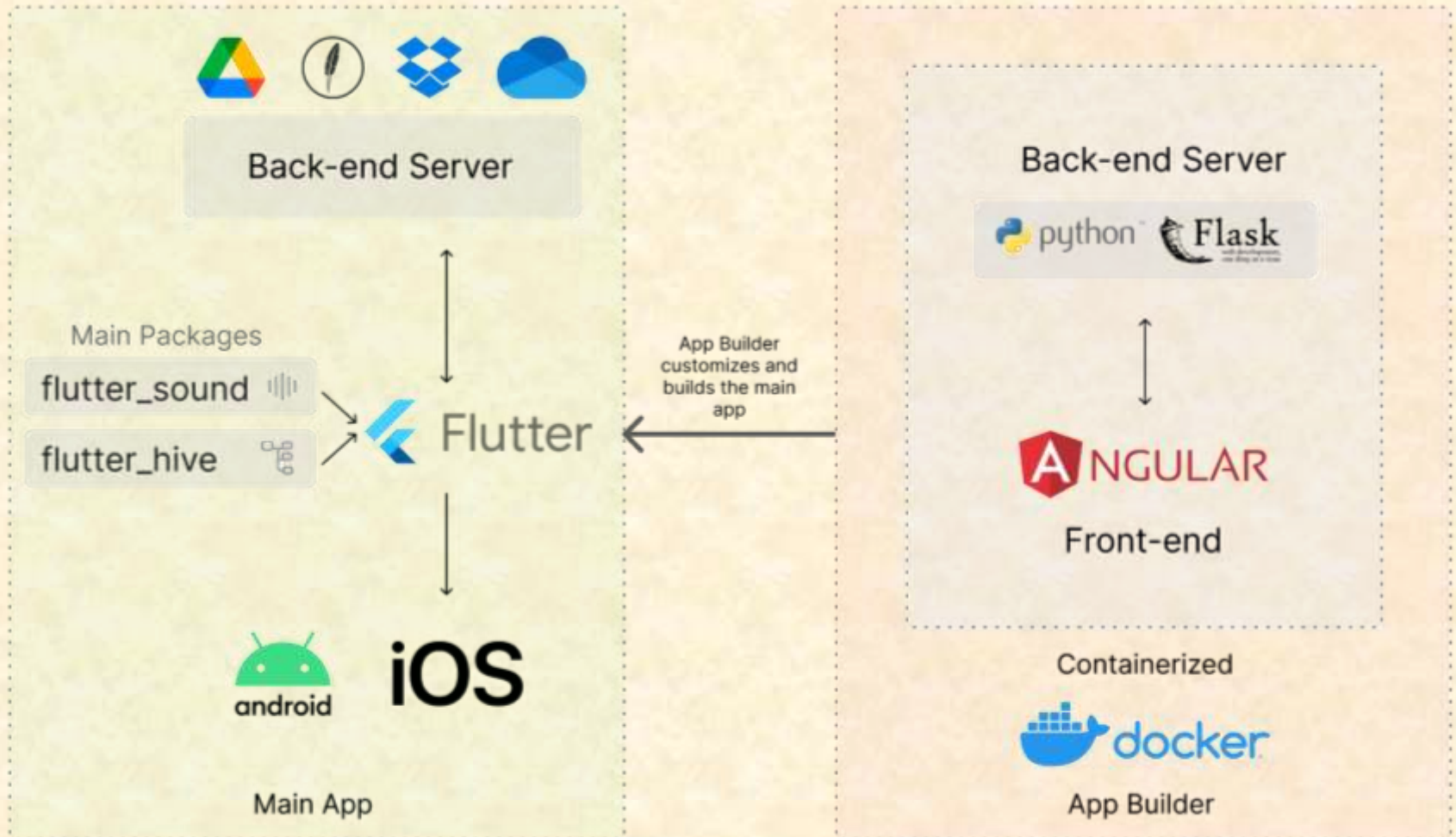
# Project Overview

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- **MI Diaries** is a user facing app that is used to record audio diaries and track progress remotely
- **App-Builder** is a web application that allows other researchers to customize the mobile app and release their own versions easily



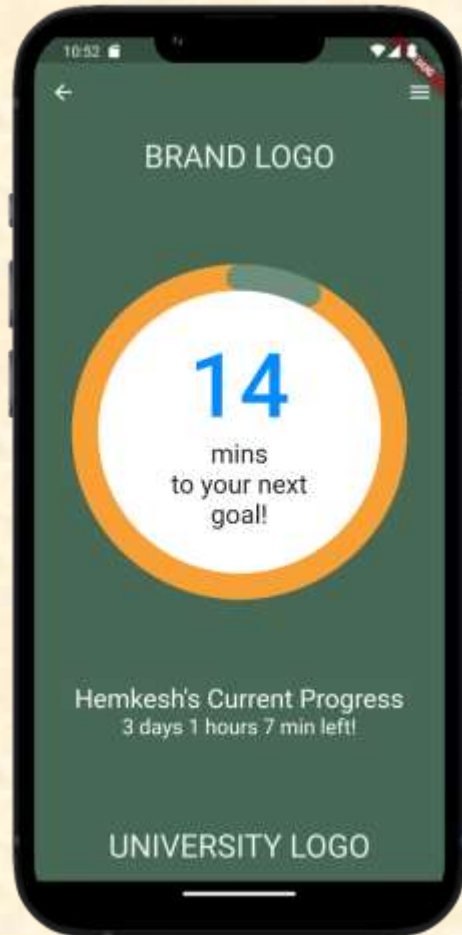
# System Architecture



# Mobile App



# Mobile App



# App-Builder

The screenshot displays the 'MI Diaries App-Builder' web interface. On the left is a dark green sidebar with navigation options: Home, App-Builder, MI Diaries, Color Selector, Image Upload, Font Selector, Features, Configuration, Identifiers, and Build App. The main content area is titled 'Color Selector' and is divided into several sections:

- Main Colors:** Includes 'Primary Color' (hex #476993) and 'Secondary Color' (hex #000000).
- Tertiary Color:** Includes 'Tertiary Color' (hex #A0A0A0).
- Text Colors:** Includes 'Primary Text' (hex #FFFFFF), 'Secondary Text' (hex #000000), and 'Statistic Text' (hex #00A0D0).
- Progress Bar Colors:** Includes 'Filled' (hex #90D090) and 'Unfilled' (hex #FD9337).
- Additional Settings:** Features a 'Reset Colors' button and a 'Get 8 generic colors' button.

Below the color settings is the 'Image Upload' section, which includes a 'Brand Logo' field with a placeholder image. To the right of the settings is a mobile app preview showing the 'MI DIARIES' app interface. The app screen features the title 'MI DIARIES', two buttons labeled 'BS' and '+', and the Michigan State University logo at the bottom. Navigation arrows are visible below the preview.





# App-Builder

The screenshot displays the 'MI Diaries App-Builder' web interface. On the left is a green sidebar with navigation options: Home, App-Builder, MI Diaries, Color Selector, Image Upload, Font Selector, Features, Configuration, Identifiers, and Build App. The main content area is titled 'Image Upload' and includes sections for 'Brand Logo' (with a file named '146\_146a\_University (1).png'), 'University Logo' (with a file named '146.png\_233322.png'), and 'Application Icon'. Below these are upload boxes for 'Background Image' and 'Application Icon'. At the bottom, a 'Font Selector' section is partially visible. On the right, a mobile app preview shows a red dashboard with the MSU logo, the text 'Biny's Dashboard', four icons (microphone, progress, trophy, refresh), and the MSU name and motto at the bottom.



# What's left to do?

- Features
- Stretch Goals
  - Allow users to save and resume customization sessions
  - Save recordings on device to submit later (for bad internet)
- Other Tasks
  - Meet with the researcher again to take more feedback on the latest version
  - Do more testing to find and fix any last bugs





# Questions?

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