MouthPiece

COS301 Team Gamma: Android Frontend (Integration Team)

Mini Project Phase 3: Demo #1

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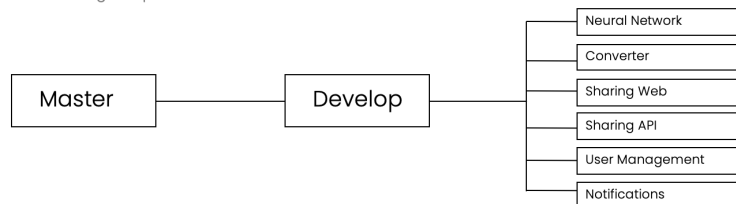# 1   Introduction

This document describes the technologies we plan to use, mainly regarding the front end Android views of the Mouth Piece application.

2   Git & Git Branching

The github repository has been setup at `https://github.com/gjcsup/cos301_teamgamma/` where each team is running on a separate branch which merges into a develop branch before being deployed on the main branch.

2.1   Branching Structure
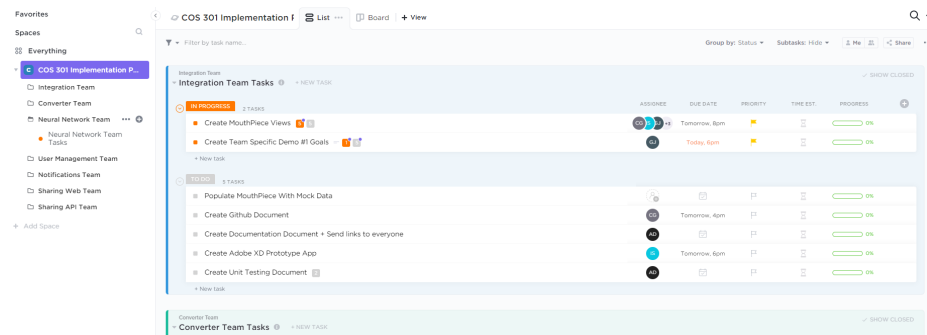

2.2   Folder structure

- **app**
    - Specific sub structure to be determined (read more below)
- **database**
    - sharing
    - usermanagement
- **documentation**
    - androidfrontend
    - converter
    - integration
    - neuralnetwork
    - notification
    - sharing
    - usermanagement
    - webfrontend

- **server**
  - sharing
  - usermanagement
  - neuralnetwork

3 Project Management Tools

3.1 ClickUP (Project Management)

Each team has been added to a unified ClickUP workspace where each team can see the progress of all other teams. Subtasks have been created by each team.

3.2 Slack (Communication & File Sharing)

We have setup a Slack communication workspace where each team is added to a sub-channel as well as a global channel.

4 Technologies

- Flutter
- ClickUP (Team Management)
- Slack
- Github

4.1 Mini Project DEMO #1:

4.1.1 Mouthpiece App View Design

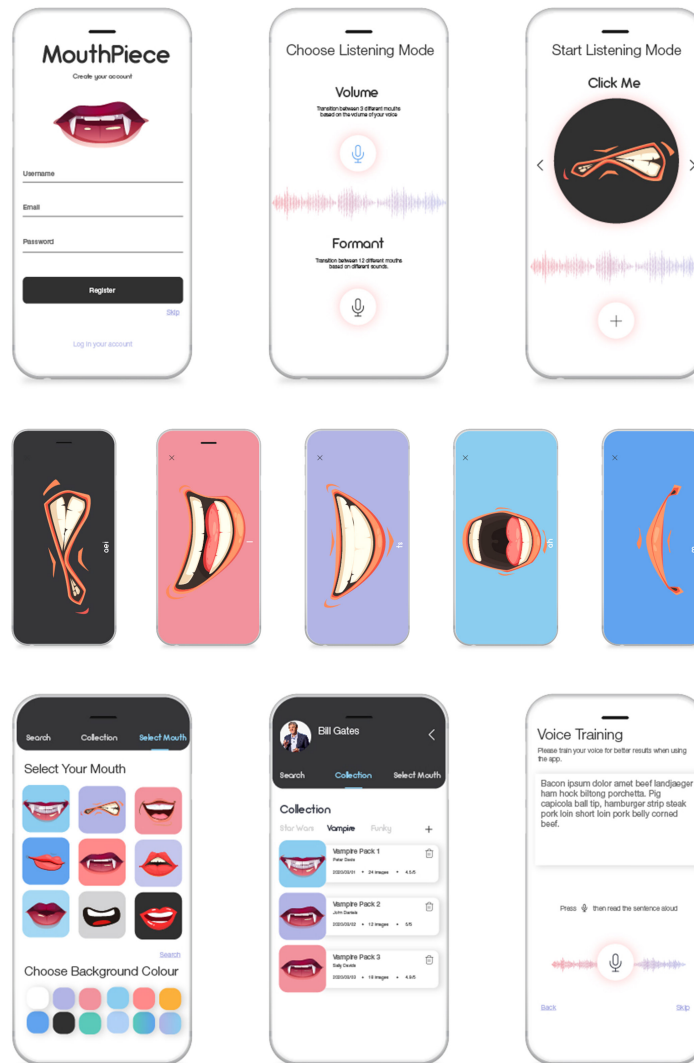We designed the different views of the Mouthpiece application and implemented them in Flutter.

Figure 1: Mouthpiece App Views