

# EVA – Educational Virtual Assistant

## Introduction

An **intelligent virtual assistant** is a software that can perform tasks or services for an individual based on commands or questions. A virtual Voice Assistant can be very useful for college as it can help with a variety of tasks related to academics. This Virtual assistant interacts with the user through voice commands or text messages. It can help students with a variety of tasks such as scheduling appointments, communicating with peers and professors, and even planning meals and workouts.

## Problem statement

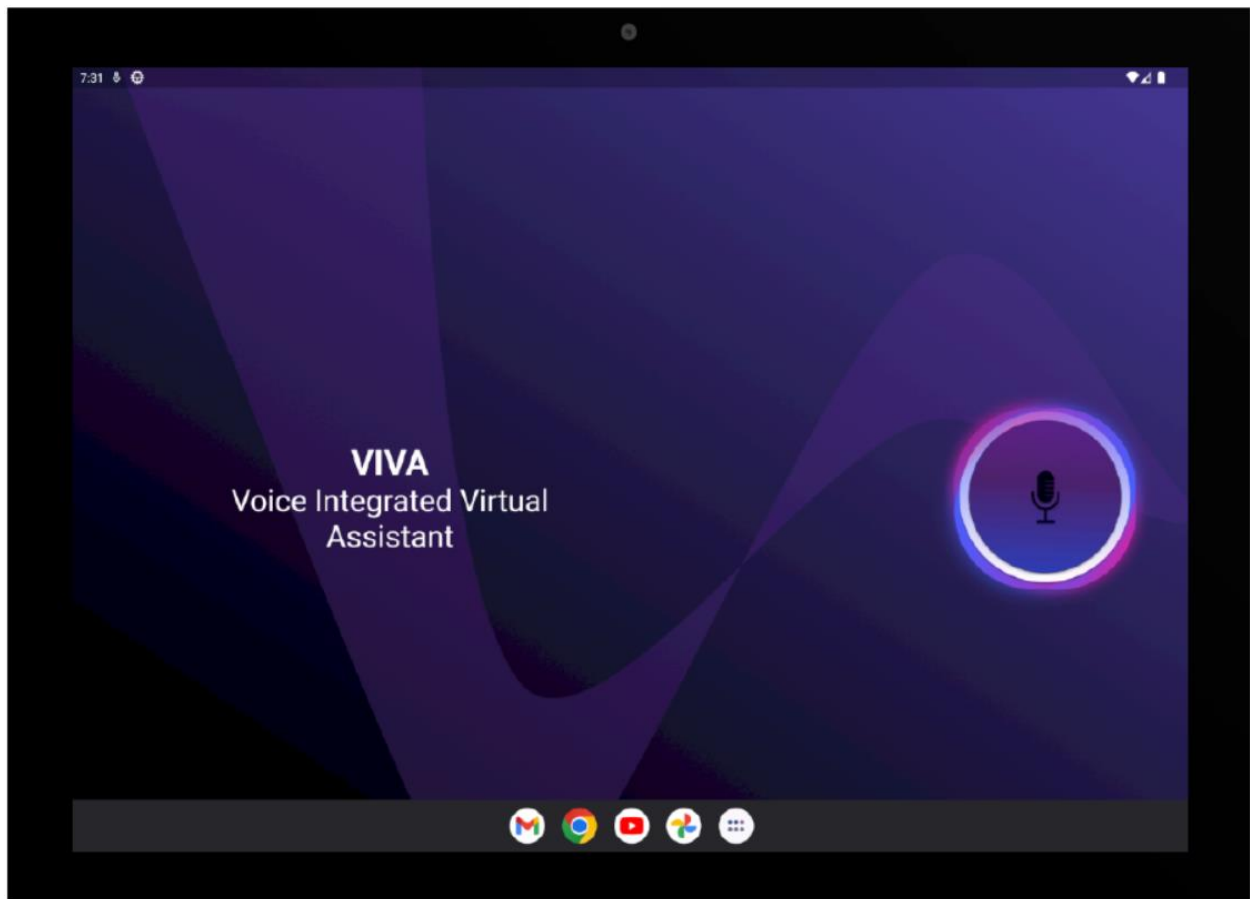
There is a need for a more efficient and convenient way for college students, faculties and visitors to manage their academic activities, and a lack of proper system for accessing information regarding college and its facilities.

## Solution

EVA- Educational Virtual Assistant that utilizes a speech-to-text API that allows users to input spoken audio messages and generate corresponding output results.

When done in conjunction with a database foundation, the AI can be developed for providing personal assistance to people inside or visiting the campus. This is all done using a Flutter based Android App program and database management system. It also provides menu driven user interface using a series of screens or menus.

## App design



# Questions

## **Canteen**

- location
- menu
- opening , closing time

## **Classroom/faculty/department**

- department-goals and objective
- What courses and programs does the department offer?
- What is the size and composition of the department?
- What resources and facilities are available to students and faculty in the department?
- faculty -qualification, department, post
- classroom-strength, location

## **Facilities**

- drinking water ,toilet
- Location in each block
- seminar hall lab

## **office**

- Sections

## **Hostel**

- Number of wardens
- Warden details
- Total no of students
- Location
- Year wise seat availability

## **gym**

- Trainer details
- Timing for girls and boys
- Opening and closing time

## **Library**

- Location
- Approximately number of books
- Librarian
- Opening closing time

## **Store**