



# Form Filling Project presentation

By Harini P

# Filling Forms – A Tedious Task?

- Manual form-filling is time-consuming and error-prone.
- Individuals with physical disabilities face accessibility challenges.
- Need for automation and a user-friendly solution.





# Voice-Based Form Filling: The Technical Solution

**01.** Voice Recognition: Use of speech-to-text technology.

**02.** Backend Logic: Flask-based server that handles form submission and validation.

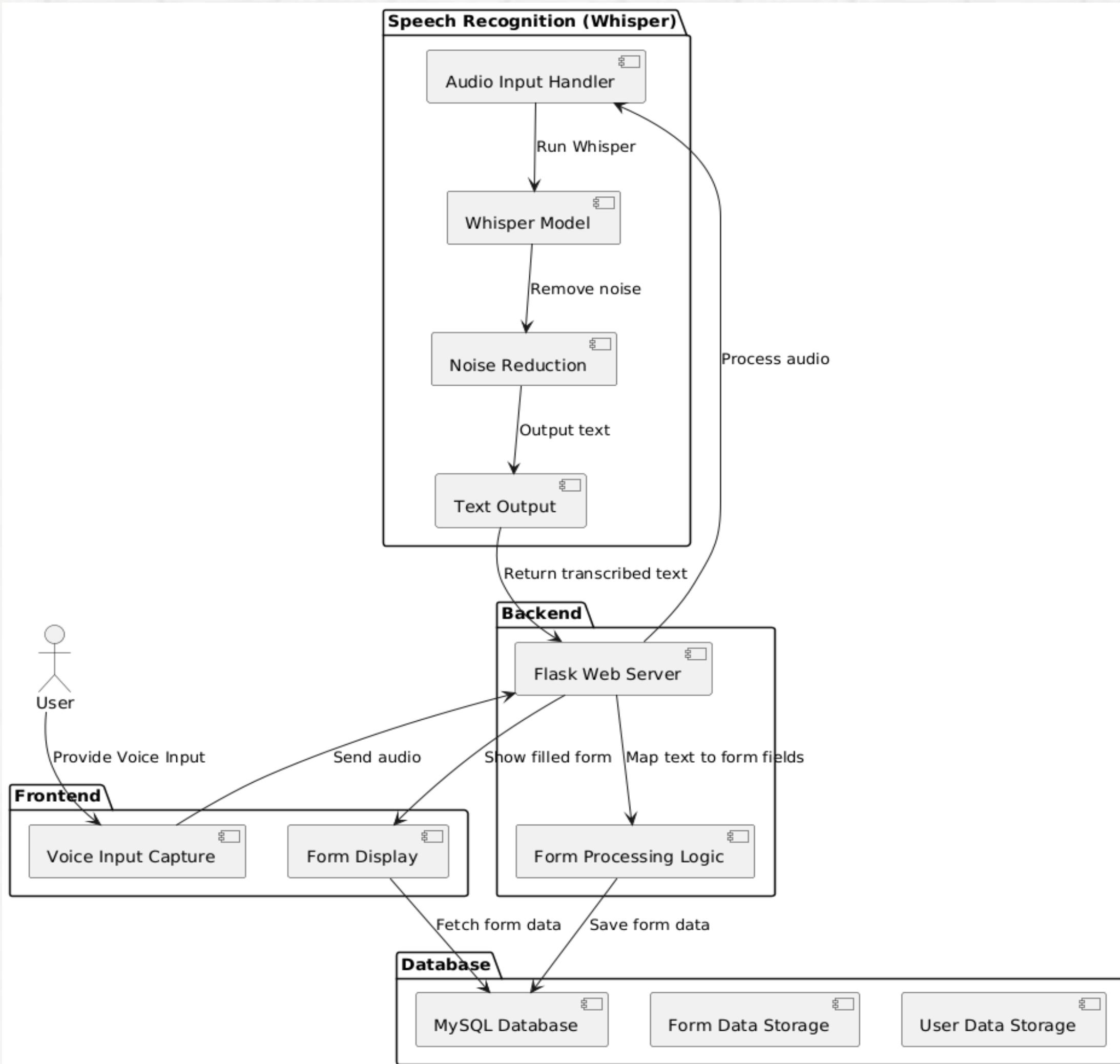
**03.** Database Integration: MySQL for storing user data and form entries.

**04.** Security Measures: Password hashing and secure communication.

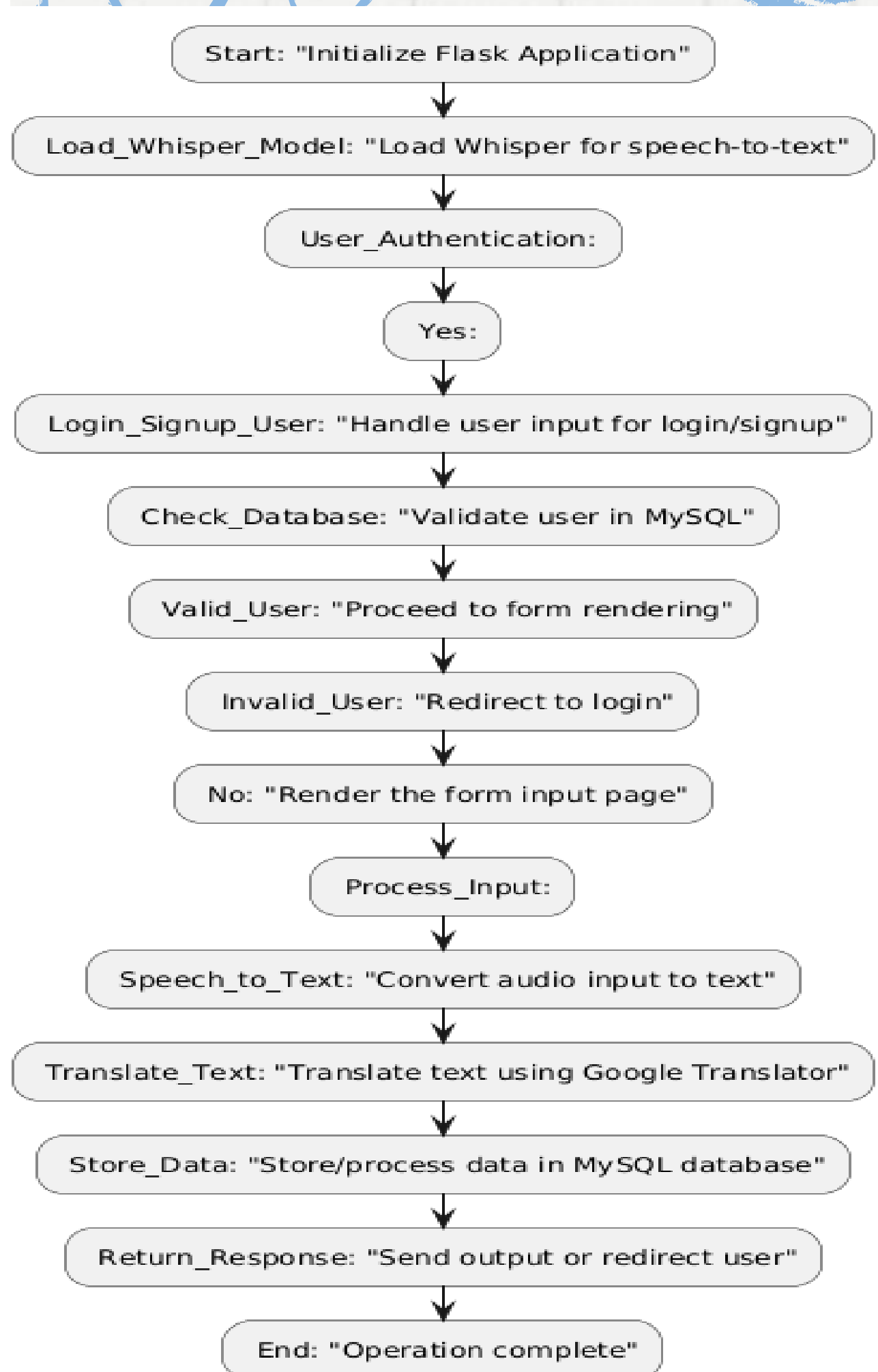




# System Architecture— The Building Blocks

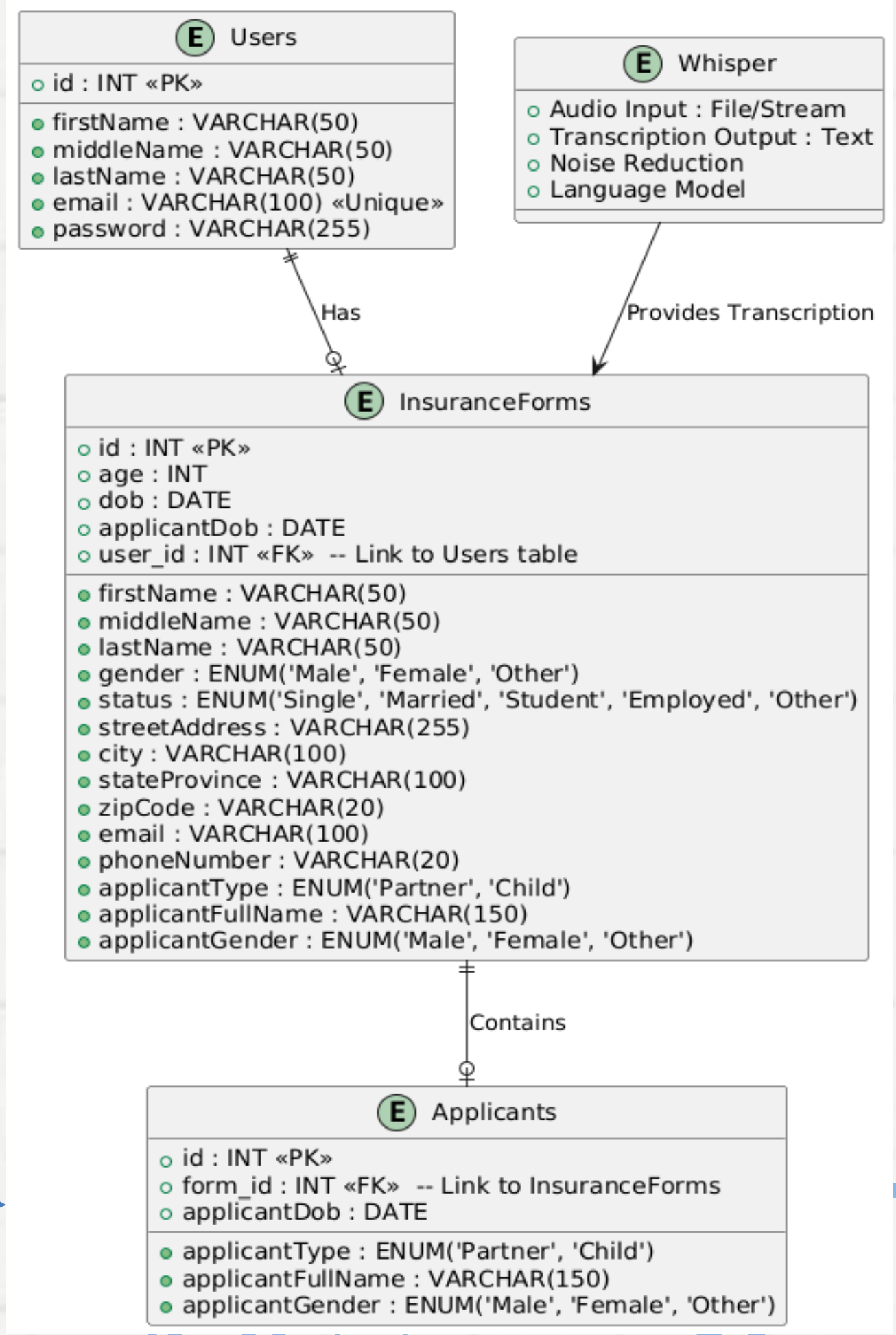






Flow

DB



127.0.0.1:5000/signup

## Signup Form

Priya

Middle Name

Darshini

Email

Password

Sign Up

Fill All Fields

127.0.0.1:5000/login

## Login

priyadarshini@gmail.com

Password

Login

Fill All Fields

Forgot Password? [Click here](#)

# Prefilled details from database

### Personal Information

First Name:

Priya

Middle Name:

Middle Name

Last Name:

Darshini

Gender:

Select

Age:

Age

Status:

Select

Date of Birth:

dd-mm-yyyy

### Contact Information

127.0.0.1:5000/form-filling

The Joy Of Computi...NPTEL Joy Of Comp...Stdio.h in C | Stdio.h...CodeforwinSOLVED: IN C PLEAS...Problem Solving Thr...

### Personal Information

First Name:

Priya

Middle Name:

Middle Name

Last Name:

Darshini

Gender:

Female

Age:

25

Status:

Select

Date of Birth:

dd-mm-yyyy

### Contact Information


# Deployment Part

Deployment is done using 'Railway  
Website'

Link - [Form filling poject](#)





The background is a light blue grid. It is decorated with various hand-drawn blue doodles. In the top left, there are several overlapping circles. In the top center, there is a scribbled circle. In the top right, there are concentric circles and a star-like shape. On the right side, there are horizontal lines and a circle. In the bottom left, there are concentric circles and a scribbled circle. In the bottom center, there is a wavy line and a series of small 'v' marks. In the bottom right, there is a large, flowing loop.

**Thank you  
very much!**