19CSE314 Software Engineering

Automated Elective Processing

Sample Code

Frontend:

Login page:

Student dashboard:

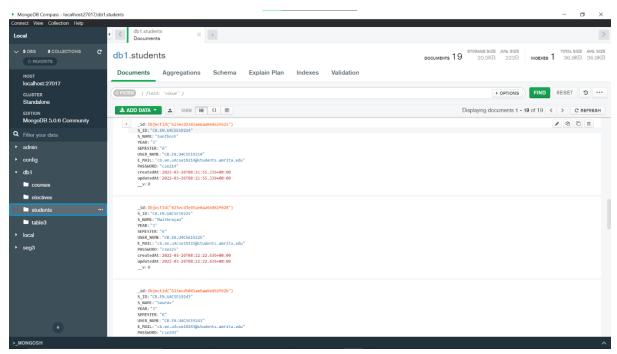
```
import 'package:automated_elective_processing/pages/chooseElective.dart';
       'package:flutter/material.dart';
import 'package:automated_elective_processing/common/app_colors.dart';
import 'package:automated_elective_processing/pages/logout.dart';
 @override
  _SideBarState createState() => _SideBarState();
 @override
 Widget build(BuildContext context) {
   return Drawer(
     elevation: 0,
     child: Container(
       color: AppColor.bgSideMenu,
       child: Column(
         crossAxisAlignment: CrossAxisAlignment.start,
         children: [
             margin: EdgeInsets.symmetric(horizontal: 20, vertical: 20),
               style: TextStyle(
                 color: AppColor.yellow,
                  fontSize: 25,
                 fontWeight: FontWeight.bold,
```

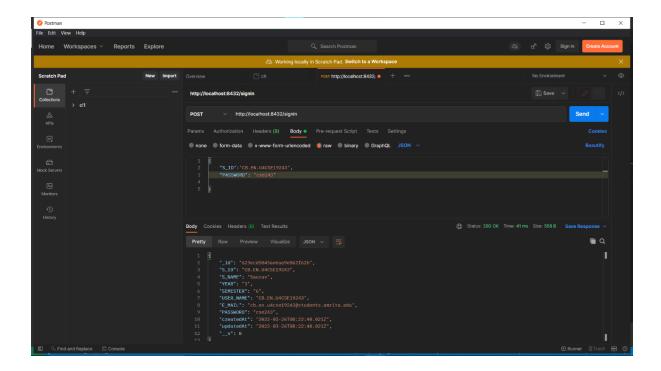
```
title: "Change Password",
  press: () {
   Navigator.push(context, MaterialPageRoute(builder: (context) => change pwd()));
  title: "Elective Agreement policy",
  icon: "assets/menu_onboarding.png",
  press: () {
    Navigator.push(context, MaterialPageRoute(builder: (context) => WIP()));
  icon: "assets/menu report.png",
  press: () {
    Navigator.push(context, MaterialPageRoute(builder: (context) => chooseElective()));
  title: "Change Elective",
  icon: "assets/menu_onboarding.png",
   Navigator.push(context, MaterialPageRoute(builder: (context) => WIP()));
DrawerListTile(
  title: "Logout",
  icon: "assets/logout.png",
  press: () {
    Navigator.pushReplacement(context, MaterialPageRoute(builder: (context) => logout()));
```

```
import 'dart:html';
import 'package:automated_elective_processing/common/app_colors.dart';
import 'package:intl/intl.dart';
 @override
  _CalendarWidgetState createState() => _CalendarWidgetState();
class CalendarWidgetState extends State<CalendarWidget> {
 DateTime _focusedDay = DateTime.now();
 @override
 Widget build(BuildContext context) {
     decoration: BoxDecoration(
         color: AppColor.white, borderRadius: BorderRadius.circular(10)), // BoxDecoration
     padding: EdgeInsets.all(10),
       children: [
           mainAxisAlignment: MainAxisAlignment.spaceBetween,
           children: [
               "${DateFormat("MMM, yyyy").format(_focusedDay)}",
               style: TextStyle(fontWeight: FontWeight.bold, fontSize: 20),
             Row(
               children: [
                   onTap: () {
                     setState(() {
```

Database

```
(base) PS D:\FILES\OFFICIAL\SEM 6\SE\PROJECT\Automated-Elective-Processing> docker pull mongo:latest latest: Pulling from library/mongo
Digest: sha256:ad947856db716ddd0b9cc525e341c77208ed8dafcb4a6ad23f9b3addd7a4f71c
Status: Image is up to date for mongo:latest docker.io/library/mongo:latest
```



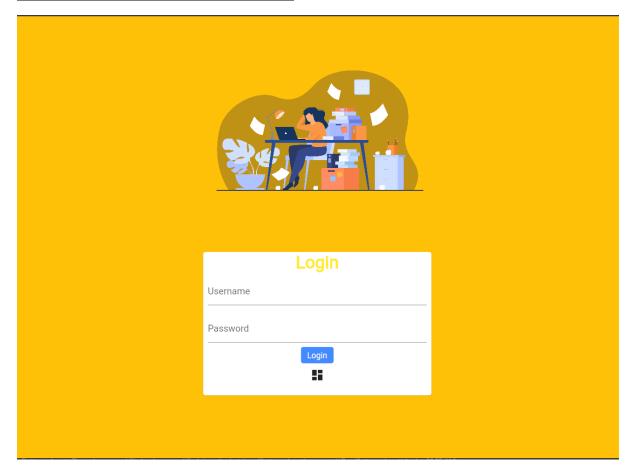


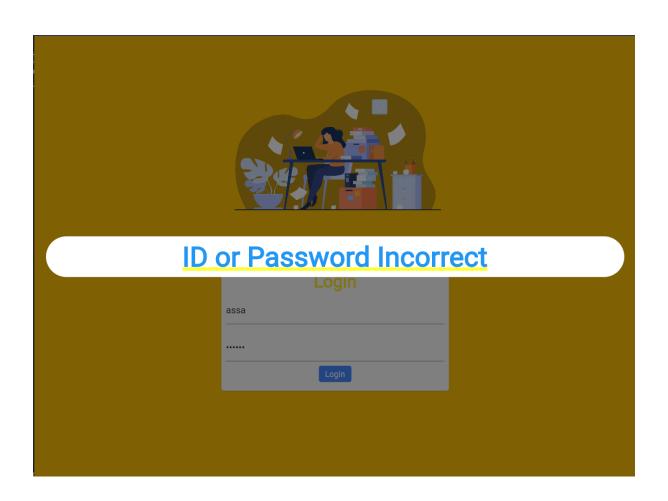
Backend:

```
| The Life Selection View 60 | Num Number | Numb
```

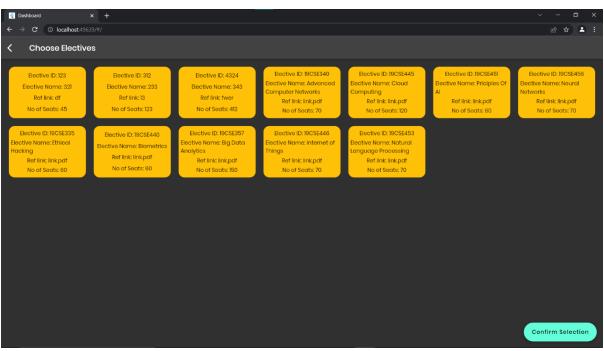
```
| Time | Colic Selection | View | Go | Run | Terminal | New | Selection | New | New
```

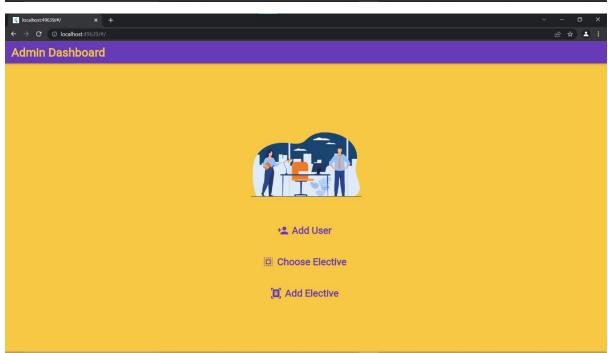
8) Screenshot of the project

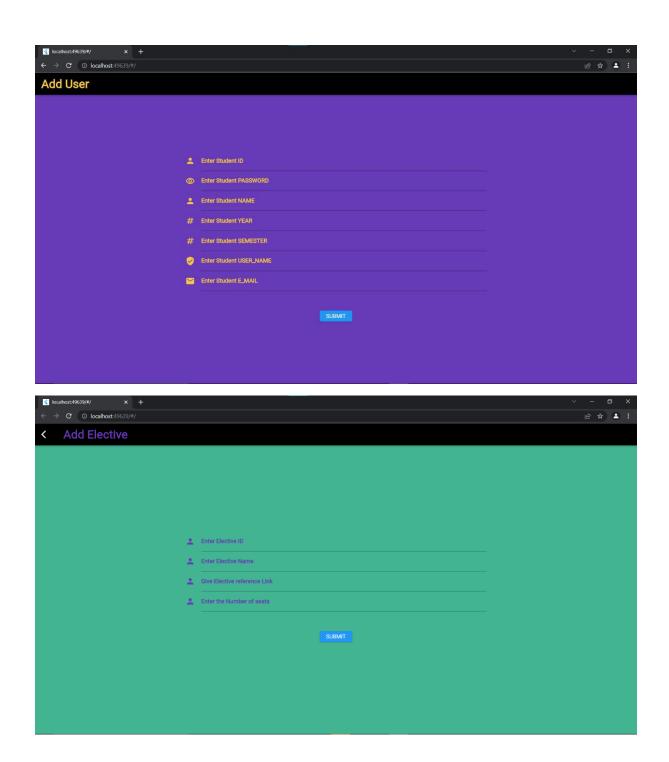














WORKFLO	OW				
Course:	Topic 0	Topic 1 T	Горіс 2	Topic 3	Topic 4
Day 0	OOPS Py	/thon			
Day 1					
Day 2					
Day 3					
Day 4					
Day 5					
Day 6					
Day 7					
Day 8					
Day 9					

