

# Home

## Course Planner Wiki

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### Project Explanation.

The purpose of this project is to replace the current course planner tools that are used by the students and advisors of the CSE department. This project uses C# .NET Core with a Controller, Model, View style.

### Setup

To set up the project, install Visual Studio 2022 and clone the repository. If the Miami server MySQL database is down, you will need to create a new database with the details shown in CoursePlanner/Managers/Connection.cs. This project uses Google Authentication to ensure the users are logged in with their Miami account. The authentication key may have timed out and need to be renewed. NOTE, these steps are only if your Google Authentication stops working. If the key needs to be renewed go to [this link](#) then APIs & Services then create a new OAuth2.0 Client ID. When setting up you will have to authorize javascript origins for example if you want to do local host port 44386 you do <https://localhost:44386> also you will have to authorize a redirect URL for example if you want local host on port 44386 it would be <https://localhost:44386/signin-oidc>. NOTE! Both of these URLs have to be set or the google authentication that uses Miami CAS will not work.

### Troubleshooting

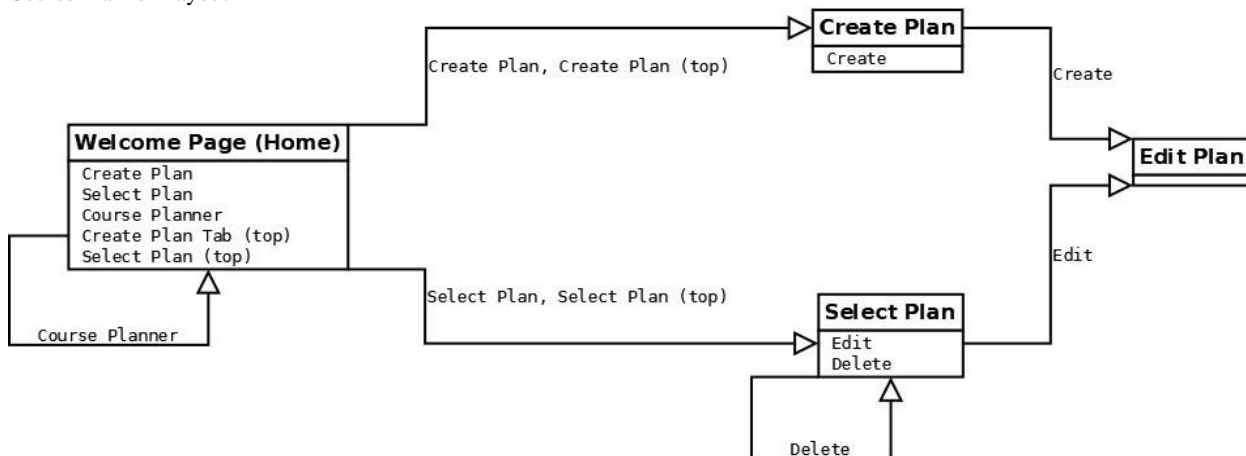
The most common and only major error that still occurs in the application is getting a 400 error when starting the application. The best ways to solve this issue would be to:

- Try to clear cookies
- Make sure that if you are using the online data based you are connected to Miami internet (VPN will work)

If the application is running slow, we recommend taking the SQL dump file and making a local SQL database on your computer using an application like MySQL workbench. If you are using a local database make sure that in the connection.cs the database is local host and not the Miami on.

- If you encounter issues with the database while running locally restart the MySQL80 application running on your personal computer. WindowsKey + R then type in services.msc and find MySQL80 and right click and select restart.

### Course Planner Layout



- Welcome Page
  - Main page that user will visit when logging in the user will have the option of either selecting an existing plan or creating a new plan.
- Create Plan
  - Here the user will have the ability to name the plan, the year they are enrolled, the enrolled season, the length of the plan, and the degree type.
- Select Plan
  - Here the user will be able to select and view plans that students have already made. There is also the option to delete pages when a plan is deleted the user will still be on the select plan.
- Edit Plan
  - Here the user will be able to directly edit the plan. Here the user will be able to drag and drop classes, users will be able to drop classes into a completed courses box or a box that represents an academic year (ex 2021-22) and will have four sections in it (Fall, Winter, Spring, and Summer).
- Admin View
  - Special permission is given to an Admin user through their Miami log in. They will then be able to add, edit, and remove courses to and from the overall course list. They can also assign advisors to students.