FIT2095 Assignment 1

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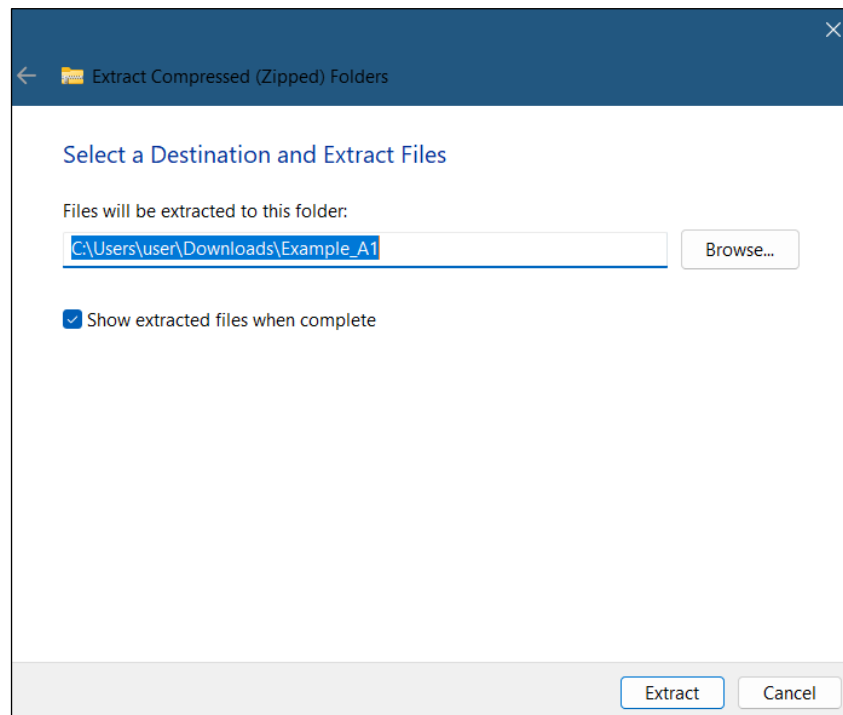
1. Routing Table

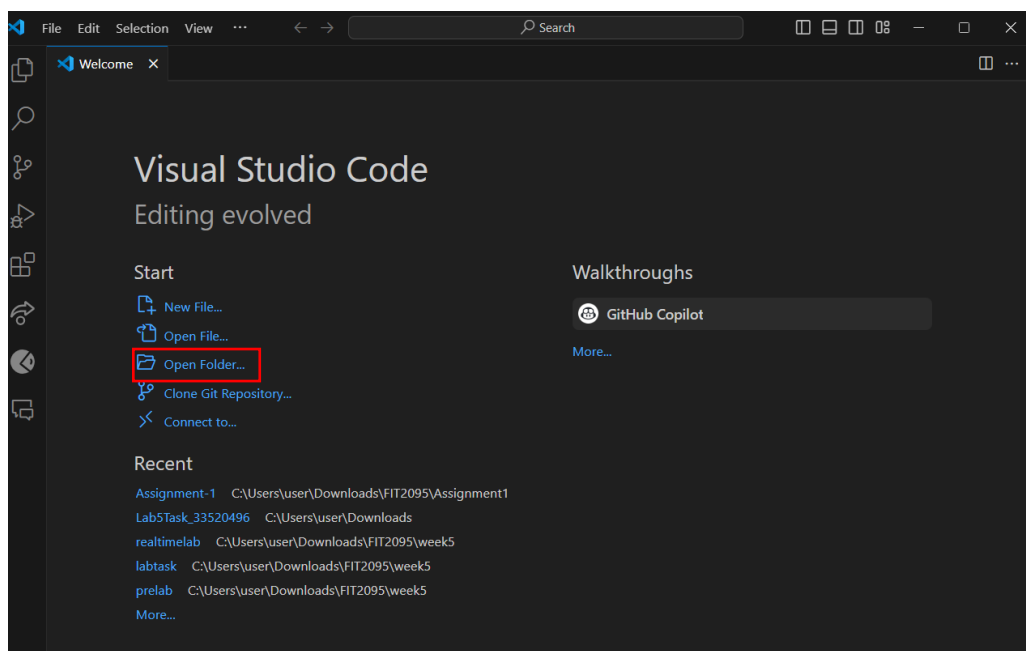| Name	Endpoint	HTTP Method	Purpose/ Description
Home Page	/	GET	• Home page • Respond with *index.ejs*
Add Driver Page	/33520496/Yang/drivers/add-driver	GET	• Add a new driver • Respond with *add-driver.ejs*
Add Driver Operation	/33520496/Yang/drivers/add-driver	POST	• Perform the validation check of the input value • Invalid input: Respond with *invalid-data.ejs* • Valid input: Redirect to **List Drivers Page**
List Drivers Page	/33520496/Yang/drivers	GET	• View the list of all drivers • Respond with *view-driver.ejs*
List Drivers/ Department Page	/33520496/Yang/drivers/department	GET	• Filter the drivers by department • Respond with *list-driver-dep.ejs*
List Drivers/ Department Operation	/33520496/Yang/drivers/department	POST	• Create a temporary array to store the filtered drivers • Redirect to **List Drivers Page** with the array created
Delete Drivers Page	/33520496/Yang/drivers/delete-driver	GET	• Delete a driver • Respond with *delete-driver.ejs*
Delete Drivers Operation	/33520496/Yang/drivers/delete-driver-req:driverID	GET	• Handle request for deleting a driver via query string (driverID) • Perform the validation check of the input value • Invalid input: Respond with *invalid-data.ejs* • Valid input: Redirect to **List Drivers Page**
Add Packages Page	/33520496/Yang/packages/add-packages	GET	• Add a new package • Respond with *add-packages.ejs*
Add Packages Operation	/33520496/Yang/packages/add-packages	POST	• Perform the validation check of the input value • Invalid input: Respond with *invalid-data.ejs* • Valid input: Redirect to **List Packages Page**
List Packages Page	/33520496/Yang/packages	GET	• View the list of all packages • Respond with *view-packages.ejs*
Delete Packages Page	/33520496/Yang/packages/delete-packages	GET	• Delete a package • Respond with *delete-packages.ejs*
Delete Packages Operation	/33520496/Yang/drivers/delete-driver-req:packageID	GET	• Handle request for deleting a package via query string (packageID) • Perform the validation check of the input value • Invalid input: Respond with *invalid-data.ejs* • Valid input: Redirect to **List Packages Page**

2. Steps to run my application

Step 1: Download and extract files

- Download the submitted zip file
- Unzip the file and extract its contents to a folder on your computer

Step 2: Open the project in Visual Studio Code

- Open Visual Studio Code
- Open Folder > Navigate the directory where you saved the file > Open

Step 3: Install the packages

- Open the terminal in Visual Studio Code (Ctrl + `)
- Run the following commands to install the necessary packages

```
npm install express
```

```
npm install ejs
```

You will then see a node_modules file exists at the side panel bar.

Step 4: Start the Server

- In the terminal, run the following command to start the server

```
node app.js
```

Step 5: View the Webpage

- Open a web browser.
- Type 'localhost:8080' in the address bar, and press Enter
- The webpage will be displayed as follows: