**Assignment 1 –Server-Side Scripting with ASP.NET**

**Project Plan Template**

**Before submitting this document, you must first submit your project idea (**[**MS Teams - Group Project - Registration - COMP2084 S24-03.xlsx**](https://georgiancollege.sharepoint.com/:x:/r/sites/ASP_NETCoreMVC-24S-03/Shared%20Documents/General/Group%20Project%20-%20Registration%20-%20COMP2084%20S24-03.xlsx?d=wbff3092dab0e4217b2505ed1df8cbe0f&csf=1&web=1&e=WQj7kG)**)**. First review the list of projects already submitted to ensure your application is **unique**. You cannot build an online store for this assignment as we are doing that together in class.

The application you will build will be done in 4 parts (this being the first) over the semester for a total of 40% of your overall grade.

1. Project Proposal - 5%
2. CRUD Functionality - 15%
3. Authentication - 10%
4. Project Presentation - 10%

**Group Number:**

**Group Members**

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**Purpose of your application: (2 marks)**A simple web application called Carbon Impact Tracker was created to assist people in monitoring and lowering their carbon impact. It provides resources for tracking and evaluating energy consumption, travel patterns, and other actions that increase greenhouse gas emissions. People may use this application to help them make decisions that are more environmentally friendly. The primary goals are to promote sustainable behavior and raise awareness, which is achieved by offering professional guidance and insights.

**Why will this application be useful? (2 marks)**

The Carbon Footprint Tracker's advantages include personal accountability By keeping a journal of their daily activities and being aware of how those acts affect the environment, individuals may motivate themselves to develop habits that reduce their carbon footprint.

Educational Resource: By raising awareness of the sources and impacts of carbon emissions, it gives individuals the information and abilities they need to lessen their carbon footprint.

Setting Objectives and Monitoring Results: Users may set objectives for lowering CO2 emissions and keep track of their progress to promote continuous development.

**Private GitHub Repository Link (1 mark)**

Provide your link here and ensure you have added **Dario-Hesami** as a collaborator in your repository (Settings > Collaborators > Manage access – Add people). You will use this same repository for Assignments 2 and 3.