5.1 Creating Web Service



This section will guide you to:

* Create and use web services

This guide has four subsections, namely:

5.1.1 Creating an ASP.NET MVC Web API project

5.1.2 Building the project

5.1.3 Publishing and running the project

5.1.4 Pushing the code to your GitHub repositories

**Step 5.1.1:** Creating an ASP.NET MVC Web API project

* Open Visual Studio.
* From the top menu, select **File->New->Project.**
* In **Create A New Project** screen, select **ASP.NET Web Application (.NET Framework)** from the list of available project types and click on **Next.**
* Enter **Project Name** as **Phase3Section5.3** and click on **Create.**
* From the list of project sub-types, choose **Web API** and uncheck **Configure for HTTPS.** Click on **Create.**
* This will create the files for an ASP.NET MVC Web API project.

**Step 5.1.2:** Building the project

* From the top menu, choose **Build->Build Solution.**
* If any compile errors are shown, fix them as required.

**Step 5.1.3:** Publishing and running the project

* From the top menu, select **Debug->Start Without Debugging.**
* This will execute the program in the default browser.

**Step 5.1.4:** Pushing the code to your GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit -m “Changes have been committed.”

Push the files to the folder you created initially using the following command:

git push -u origin master