What is GitHub?

GitHub is an open-source code hosting platform having a version control system. Using GitHub, we can work with the team together on projects from anywhere, anytime. We can host our source code projects in different programming languages and keep track of the changes made by the team using Git.

Below are the steps to add your VS project to Git and upload it to GitHub.

**Step 1**

Open your project in Visual Studio and check the bottom for 'Add to Source Control'.

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**Step 2**

Select Git as your version control, as displayed on the below screen.

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**Step 3**

It will ask you to save your project solution. Just click on Yes.

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**Step 4**

Now, go to Github.com and click on "Start a project", as shown on the below screen. (Before this, you need to create your GitHub account).

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**Step 5**

Once you start, it will ask you to create a new repository. So here, I am going to give the name 'VersionControlWebApp'. Add some sort of description.

Chose Public or Private on the basis of how you want to manage your repository and click the 'Create Repository' button.

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**Step 6**

In the Code section, there is a 'Quick setup' link as shown below screen.

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**Step 7**

Now, from your project, open Team Explorer - Synchronization, go to 'Push to Remote Repository', and paste the URL from GitHub (shown in step 6), and click on 'Publish'.

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**Step 8**

Once you click, it will push your code branch to GitHub.

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**Step 9**

After publishing, just log in to GitHub with your login credentials.

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**Step 10**

Now, from Visual Studio, go to Team Explorer. There, you can see Changes, Branches, Sync, Settings options.

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