**Why Azure DevOps?**

Every project needs project management tool and source control tool and build and deployment tool.

Project management tool: collect requirements and track the progress and make sure people are doing their tasks.

Source control tool: when multiple developers work on the same code, they create the code and push it to a central server or remote repository. The remote depository will keep a record of all the changes each developer makes.

Build and deployment tool: the central code repository will make sure code changes submitted by each developer will work with each other and then build the code together and deploy it to the server.

Azure DevOps is the tool to serve all three mentioned purposes.

Azure Repos is the source control control in Azure DevOps. So what is Git for? Git is for the source control locally while Azure Repo is for the source control remotely.

Azure DevOps has a free trial so you can sign up and create a space/project there. Board is where you can create a work item and assign it to a team member. You can also provide a user story or business requirements for the work item and track the progress of the work item.

**Repos**

Repos is the source control part of Azure DevOps. First you would need to build the connection between Azure DevOps with your local computer so by cloning the url of your project in Azure Devops you create the connection. For VS code, there is an option of “clone in VS code” to set up the connection. Then you can create a file in VS code and edit it and commit it to local repository and stage it and push it to Azure Repos.

*VS code*

VS code is a free code editor made by MS and is widely used with people learning coding. After downloading and installing VS code, you would see a navigation bar on the left where you can open a new folder or a new file.



*To clone your remote repo through VS code*

**cd folder name**: to change the directory to the particular folder