

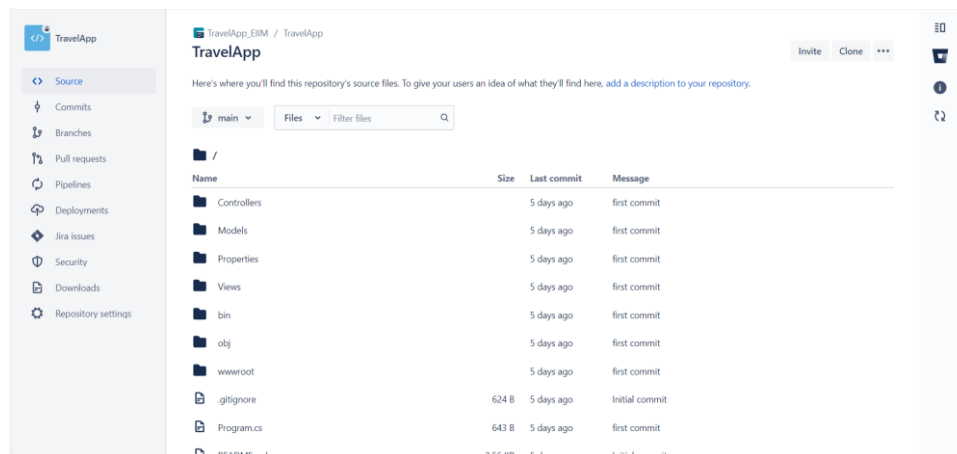
## AZURE WEB APPLICATION DEPLOYMENT USING BITBUCKET

Arun Prakash N

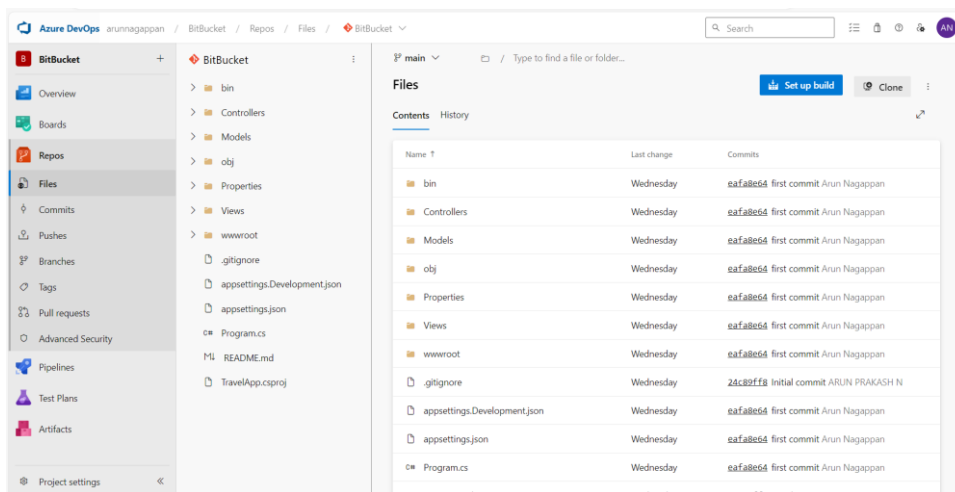
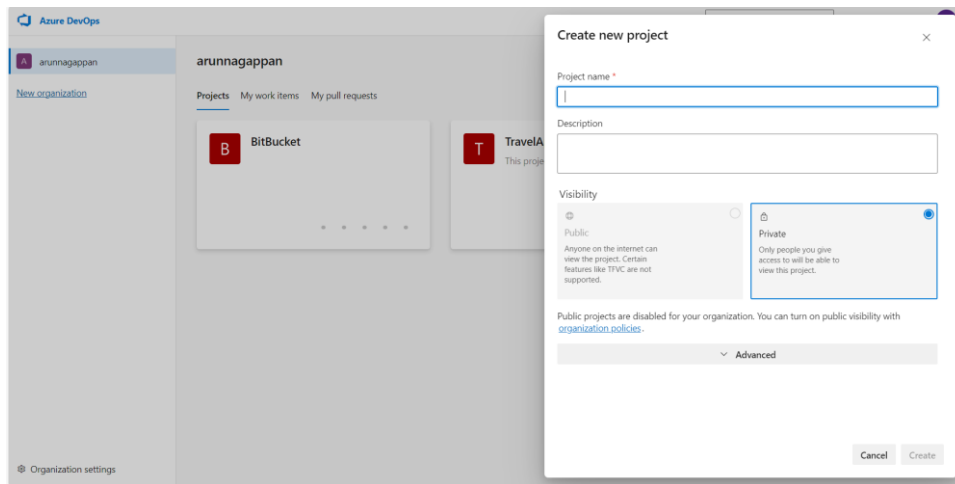
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Using a Git commands pushing a code to bitbucket repository.

```
PS C:\Training\Dot Net Project\Demo> git init
Reinitialized existing Git repository in C:/Training/Dot Net Project/Demo/.git/
PS C:\Training\Dot Net Project\Demo> git add .
PS C:\Training\Dot Net Project\Demo> git commit -m"first"
On branch master
nothing to commit, working tree clean
PS C:\Training\Dot Net Project\Demo> git remote add origin https://bitbucket.org/eiim-demo/dotnet/
PS C:\Training\Dot Net Project\Demo> git push origin --all
Enumerating objects: 139, done.
Counting objects: 100% (139/139), done.
Delta compression using up to 4 threads
Compressing objects: 100% (120/120), done.
Writing objects: 100% (139/139), 1017.30 KiB | 819.00 KiB/s, done.
Total 139 (delta 34), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (34/34), done.
remote:
remote: Create pull request for master:
remote:   https://bitbucket.org/eiim-demo/dotnet/pull-requests/new?source=master&t=1
remote:
To https://bitbucket.org/eiim-demo/dotnet/
 * [new branch]      master -> master
PS C:\Training\Dot Net Project\Demo> |
```



Created a project in Azure DevOps.



Pipeline creation:

Click pipeline in the project.

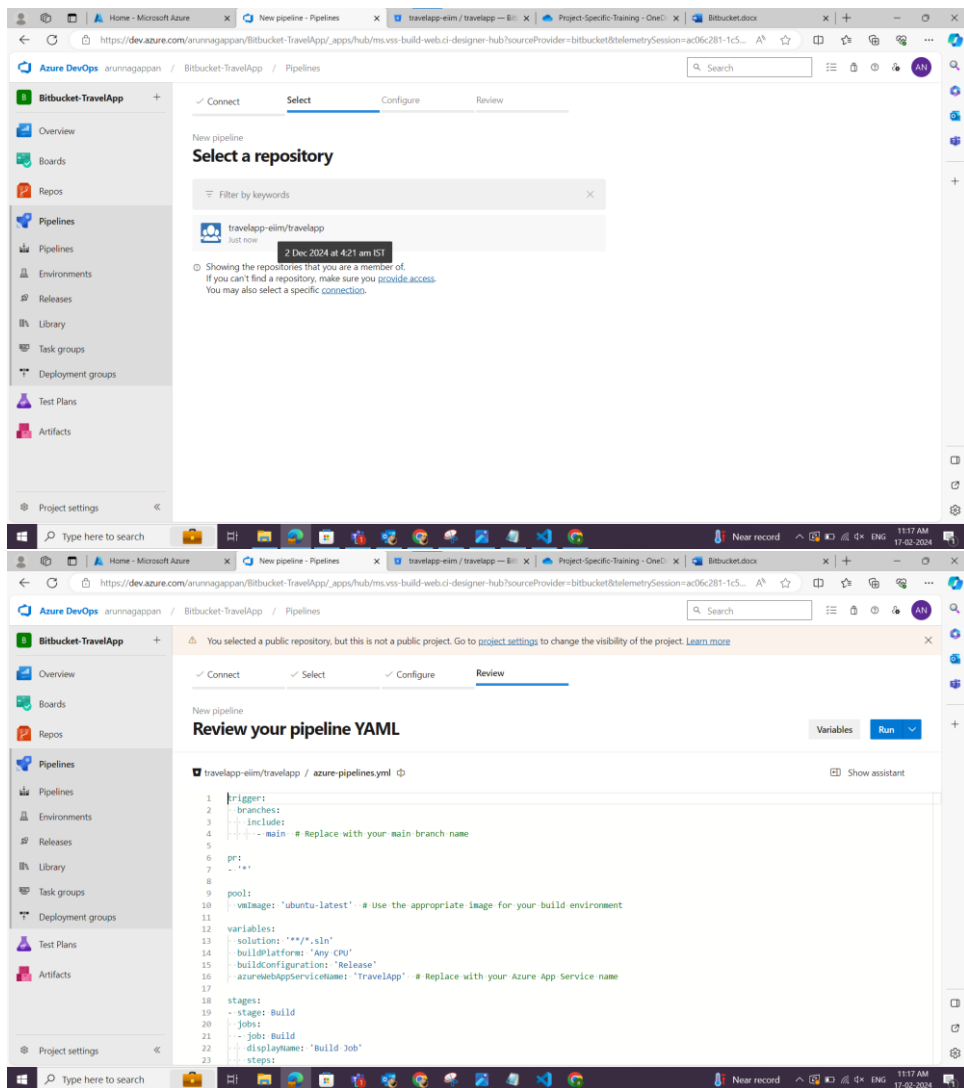
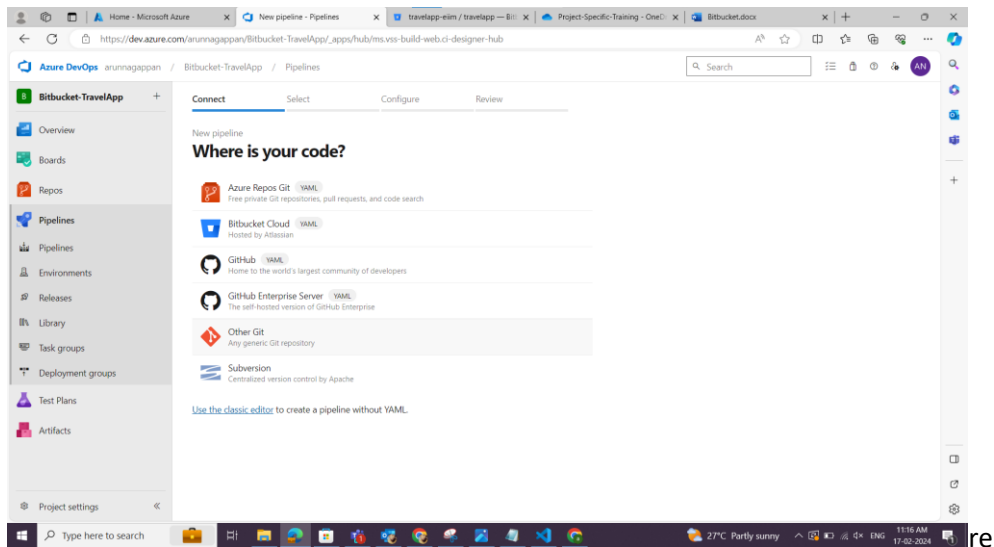
Choose Bitbucket cloud option

Select the repository available in the bit bucket cloud.

Write an YAML script to create a job to deploy in app service which is already created.

After saucersful execution of YAML script the application is deployed in the app service.

Go to APP service and start the service to see the web page on Microsoft azure.



Bitbucket-TravelApp

Overview Boards Repos Pipelines Environments Releases Library Task groups Deployment groups Test Plans Artifacts Project settings

You selected a public repository, but this is not a public project. Go to [project settings](#) to change the visibility of the project. [Learn more](#)

Connect Select Configure Review

New pipeline

### Review your pipeline YAML

travelapp-eim/travelapp / azure-pipelines.yml

```
45 buildType: 'current'
46 downloadType: 'single'
47 downloadPath: '$(System.ArtifactsDirectory)'
48
```

Free Trial(5)34348657-4647-4393-88e7-...

App Service type \*  
Web App on Linux

App Service name \*  
EIM-Demo  
✓ EIM-Demo

Package or folder \*  
\$(System.DefaultWorkingDirectory)/\*\*/\*.zip

Runtime Stack \*

Startup command

[About this task](#) Add

Waiting for review

Per... Service C... Free Trial(5)34348657-4647-43... Permit

Permission needed

#20240217.1 • Set up CI with Azure Pipelines

Summary Code Coverage

Triggered by ARUN PRAKASH N

Repository and version  
travelapp-eim/travelapp  
main 01ab5c34

Time started and elapsed  
Just now

This pipeline needs permission to access a resource before this run can continue

Jobs

Permission needed

Name

Build job

Deploy job

Bitbucket-TravelApp Overview Boards Repos Pipelines Pipelines Environments Releases Library Task groups Deployment groups Test Plans Artifacts

Jobs in run #20240217.1  
Jobs  
Build job 47s  
Deploy job 2m 1s  
Initialize job 1s  
Checkout travelapp-ei... 5s  
DownloadBuildArtifacts 1s  
AzureFnWebApp... 1m 52s  
Post-job: Checkout tra... <1s  
Finalize Job <1s

Deploy job  
1 Pool: Azure\_Pipelines  
2 Image: ubuntu-latest  
3 Agent: Hosted Agent  
4 Started: Today at 11:28 am  
5 Duration: 2m 1s  
6  
7 Job preparation parameters  
8 Job live console data:  
9 Starting: Deploy job  
10 Async Command Start: DetectDockerContainer  
11 Async Command End: DetectDockerContainer  
12 Async Command Start: DetectDockerContainer  
13 Async Command End: DetectDockerContainer  
14 Finishing: Deploy job

#20240217.1 • Set up CI with Azure Pipelines  
Run new  
This run is being retained as one of 3 recent runs by pipeline. View retention leases

Summary Code Coverage  
Triggered by ARUN PRAKASH N  
Repository and version travelapp-eim/travelapp 17 main 01ab5c34  
Time started and elapsed Today at 11:27 am 3m 9s  
Related 0 work items 1 published  
Tests and coverage 0 Get started

Warnings  
1 /usr/share/dotnet/sdk/8.0.101/Roslyn/Microsoft.CSharp.Core.targets(84,5): Warning MSB3052: The parameter to the compiler is invalid. /define:\$(BUILDCONFIGURATI... Build job • Build  
2 Models/Login.cs(6,19): Warning CS8618: Non-nullable property 'Username' must contain a non-null value when exiting constructor. Consider declaring the property as ... Build job • Build  
3 Models/Login.cs(7,19): Warning CS8618: Non-nullable property 'Password' must contain a non-null value when exiting constructor. Consider declaring the property as ... Build job • Build  
4 No test result files were found.