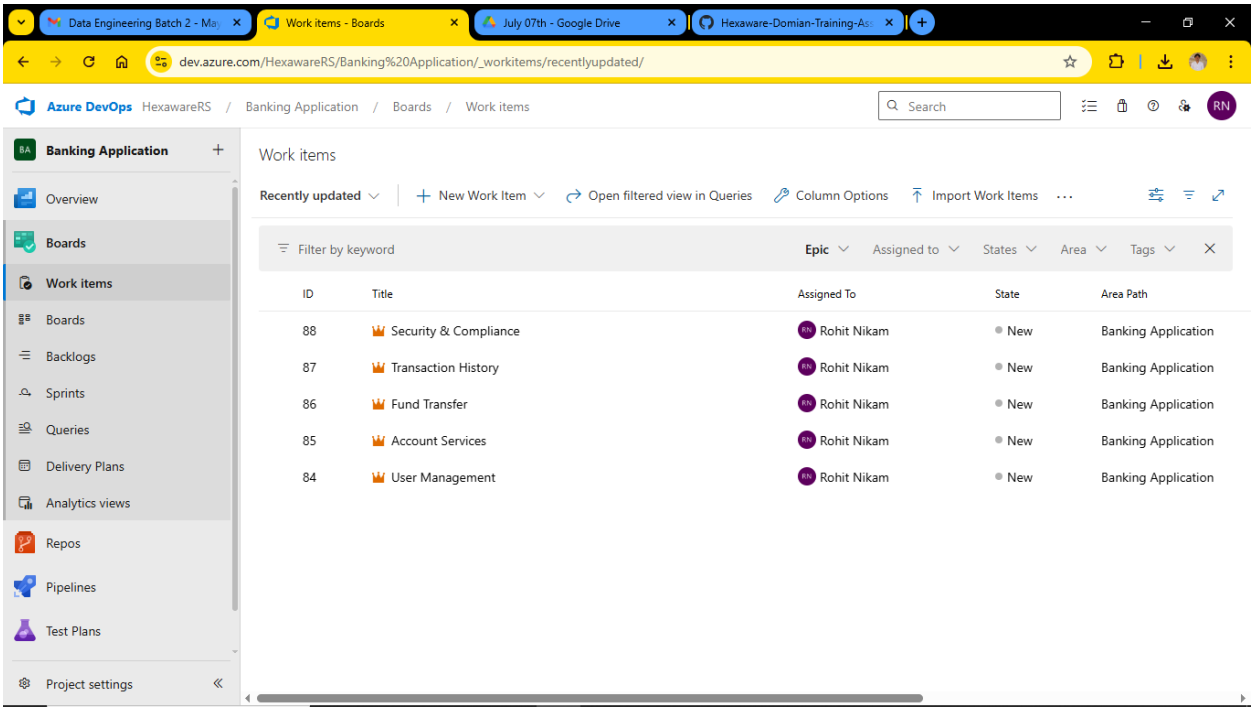
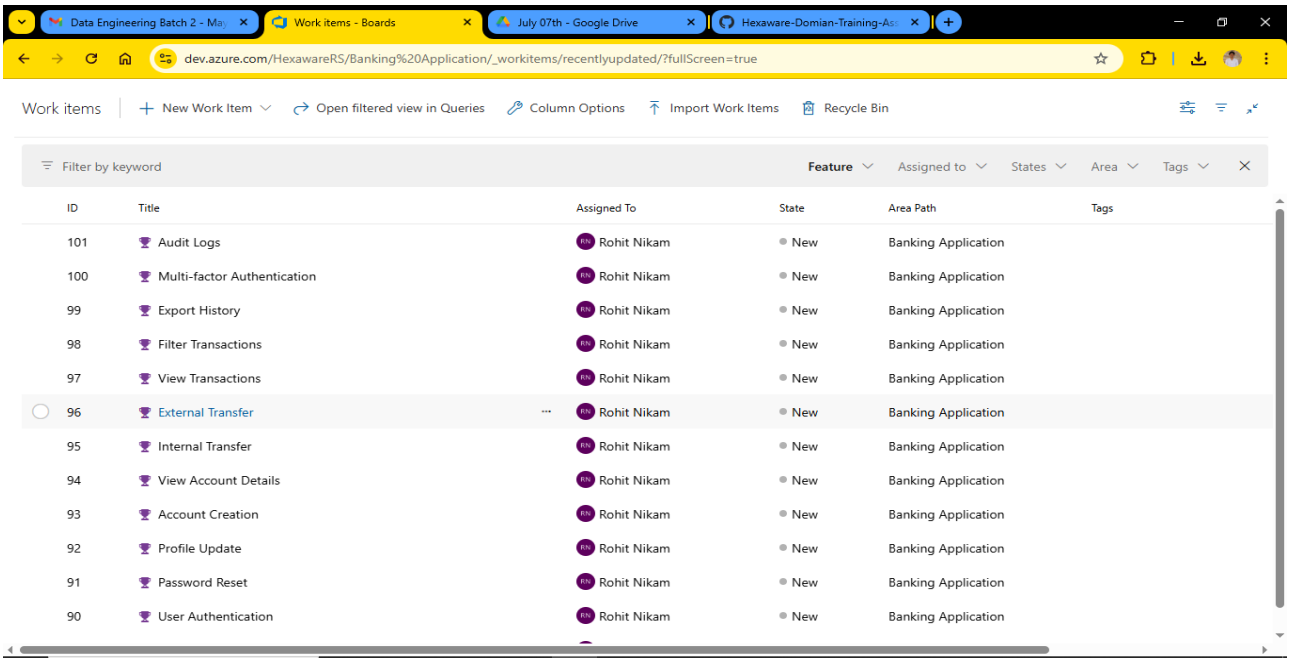
Coding Assignment

PART 1 - Work Item Breakdown

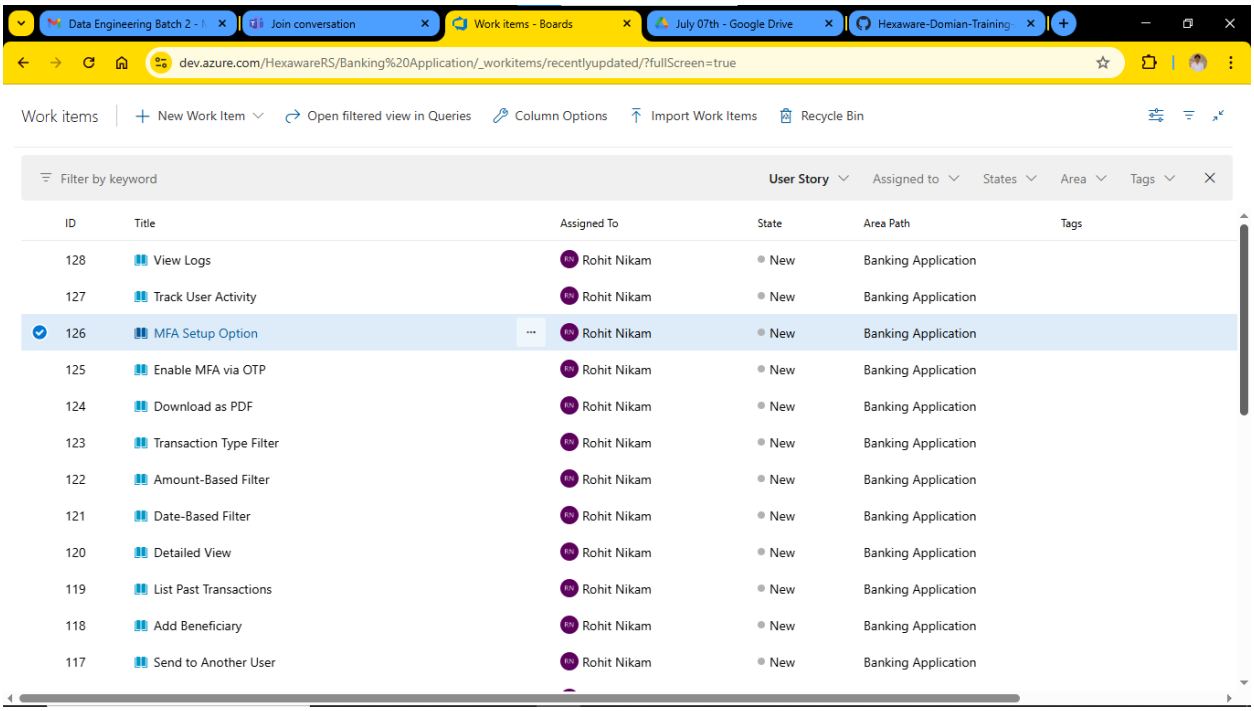
EPICS

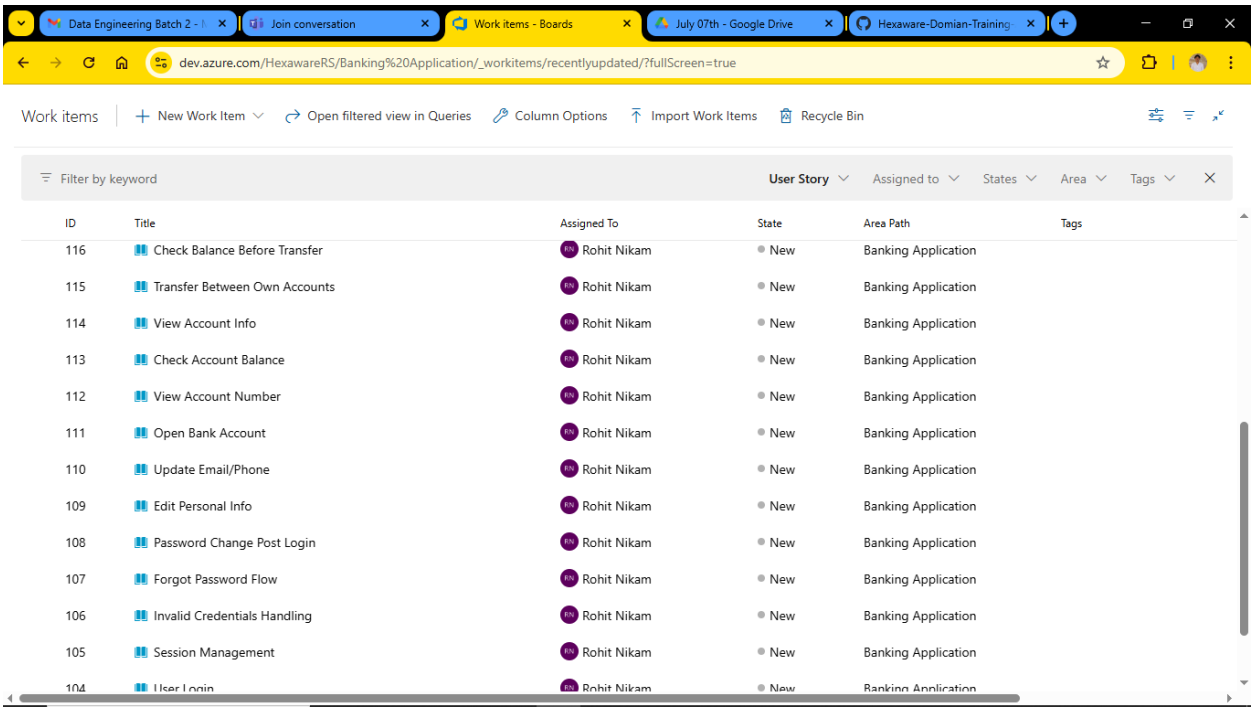


FEATURES

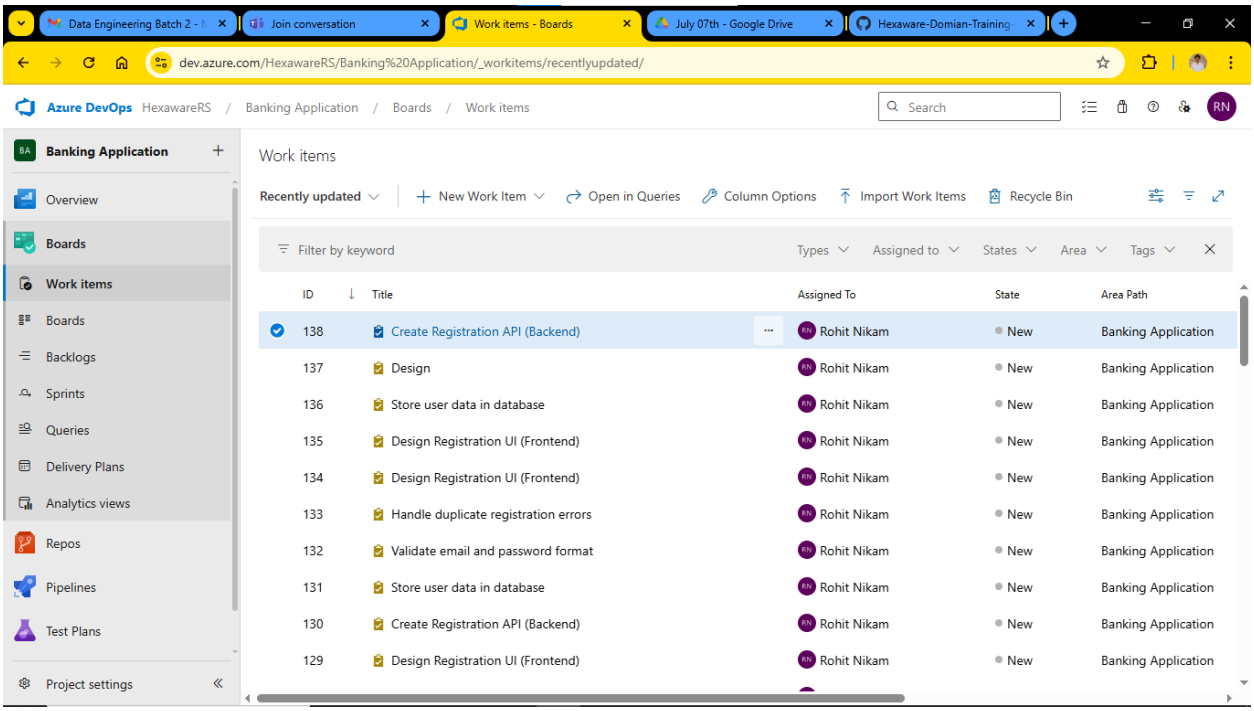


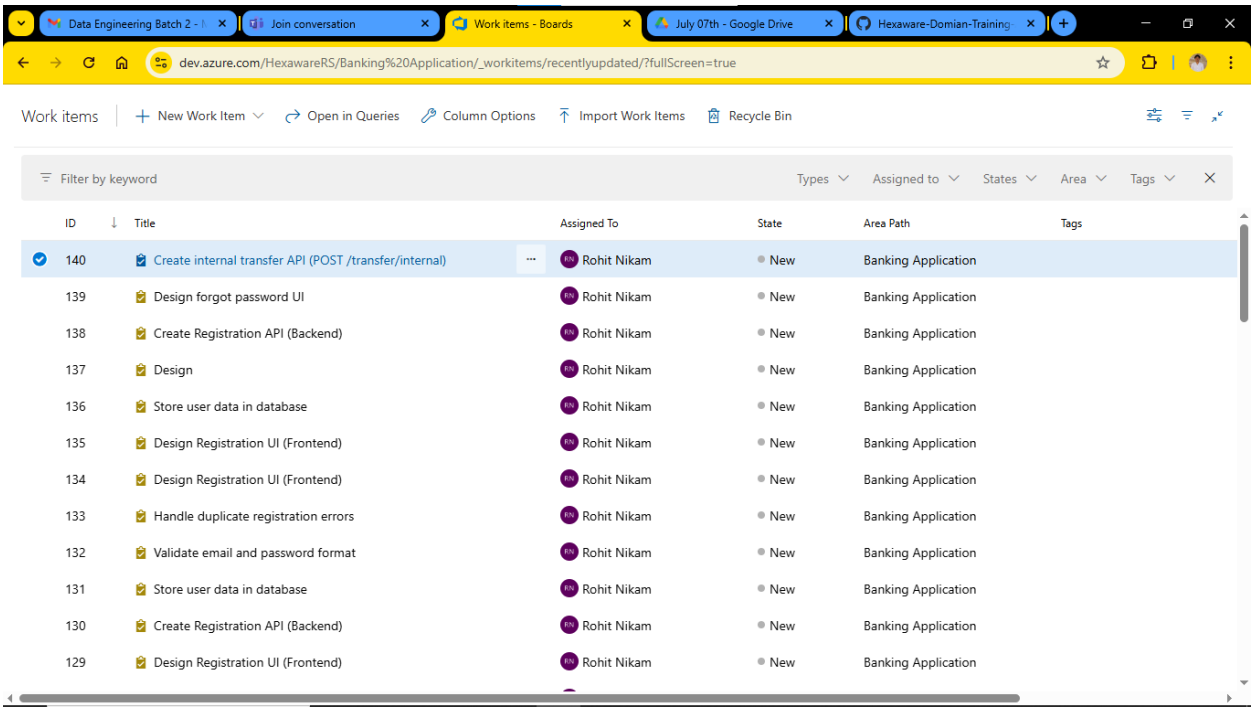
USER STORYS


Data Engineering Batch 2 -
Join conversation
Work items - Boards
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_workitems/recentlyupdated/?fullScreen=true
Work items
New Work Item
Open filtered view in Queries
Column Options
Import Work Items
Recycle Bin
Filter by keyword
User Story
Assigned to
States
Area
Tags
ID
Title
Assigned To
State
Area Path
Tags
128 View Logs Rohit Nikam New Banking Application
127 Track User Activity Rohit Nikam New Banking Application
126 MFA Setup Option Rohit Nikam New Banking Application
125 Enable MFA via OTP Rohit Nikam New Banking Application
124 Download as PDF Rohit Nikam New Banking Application
123 Transaction Type Filter Rohit Nikam New Banking Application
122 Amount-Based Filter Rohit Nikam New Banking Application
121 Date-Based Filter Rohit Nikam New Banking Application
120 Detailed View Rohit Nikam New Banking Application
119 List Past Transactions Rohit Nikam New Banking Application
118 Add Beneficiary Rohit Nikam New Banking Application
117 Send to Another User Rohit Nikam New Banking Application

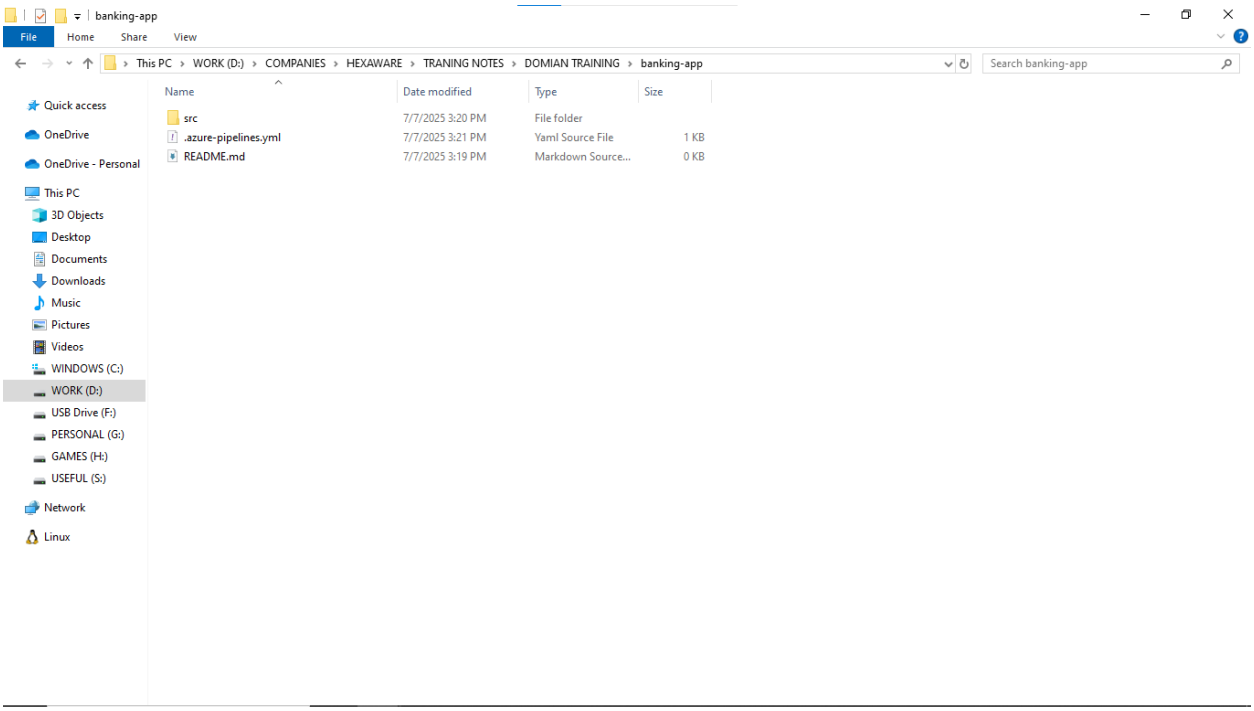

Data Engineering Batch 2 -
Join conversation
Work items - Boards
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_workitems/recentlyupdated/?fullScreen=true
Work items
New Work Item
Open filtered view in Queries
Column Options
Import Work Items
Recycle Bin
Filter by keyword
User Story
Assigned to
States
Area
Tags
ID
Title
Assigned To
State
Area Path
Tags
116 Check Balance Before Transfer Rohit Nikam New Banking Application
115 Transfer Between Own Accounts Rohit Nikam New Banking Application
114 View Account Info Rohit Nikam New Banking Application
113 Check Account Balance Rohit Nikam New Banking Application
112 View Account Number Rohit Nikam New Banking Application
111 Open Bank Account Rohit Nikam New Banking Application
110 Update Email/Phone Rohit Nikam New Banking Application
109 Edit Personal Info Rohit Nikam New Banking Application
108 Password Change Post Login Rohit Nikam New Banking Application
107 Forgot Password Flow Rohit Nikam New Banking Application
106 Invalid Credentials Handling Rohit Nikam New Banking Application
105 Session Management Rohit Nikam New Banking Application
104 User Login Rohit Nikam New Banking Application

TASKs


Data Engineering Batch 2 -
Join conversation
Work items - Boards
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_workitems/recentlyupdated/
Azure DevOps HexawareRS / Banking Application / Boards / Work items
Search
RN
Banking Application
Overview
Boards
Work items
Boards
Backlogs
Sprints
Queries
Delivery Plans
Analytics views
Repos
Pipelines
Test Plans
Project settings
Work items
Recently updated
New Work Item
Open in Queries
Column Options
Import Work Items
Recycle Bin
Filter by keyword
Types
Assigned to
States
Area
Tags
ID
Title
Assigned To
State
Area Path
138 Create Registration API (Backend) Rohit Nikam New Banking Application
137 Design Rohit Nikam New Banking Application
136 Store user data in database Rohit Nikam New Banking Application
135 Design Registration UI (Frontend) Rohit Nikam New Banking Application
134 Design Registration UI (Frontend) Rohit Nikam New Banking Application
133 Handle duplicate registration errors Rohit Nikam New Banking Application
132 Validate email and password format Rohit Nikam New Banking Application
131 Store user data in database Rohit Nikam New Banking Application
130 Create Registration API (Backend) Rohit Nikam New Banking Application
129 Design Registration UI (Frontend) Rohit Nikam New Banking Application


Data Engineering Batch 2 -
Join conversation
Work items - Boards
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_workitems/recentlyupdated/?fullScreen=true
Work items
New Work Item
Open in Queries
Column Options
Import Work Items
Recycle Bin
Filter by keyword
Types
Assigned to
States
Area
Tags
ID
Title
Assigned To
State
Area Path
Tags
140 Create internal transfer API (POST /transfer/internal) Rohit Nikam New Banking Application
139 Design forgot password UI Rohit Nikam New Banking Application
138 Create Registration API (Backend) Rohit Nikam New Banking Application
137 Design Rohit Nikam New Banking Application
136 Store user data in database Rohit Nikam New Banking Application
135 Design Registration UI (Frontend) Rohit Nikam New Banking Application
134 Design Registration UI (Frontend) Rohit Nikam New Banking Application
133 Handle duplicate registration errors Rohit Nikam New Banking Application
132 Validate email and password format Rohit Nikam New Banking Application
131 Store user data in database Rohit Nikam New Banking Application
130 Create Registration API (Backend) Rohit Nikam New Banking Application
129 Design Registration UI (Frontend) Rohit Nikam New Banking Application

PART 2 - Azure DevOps Git Setup

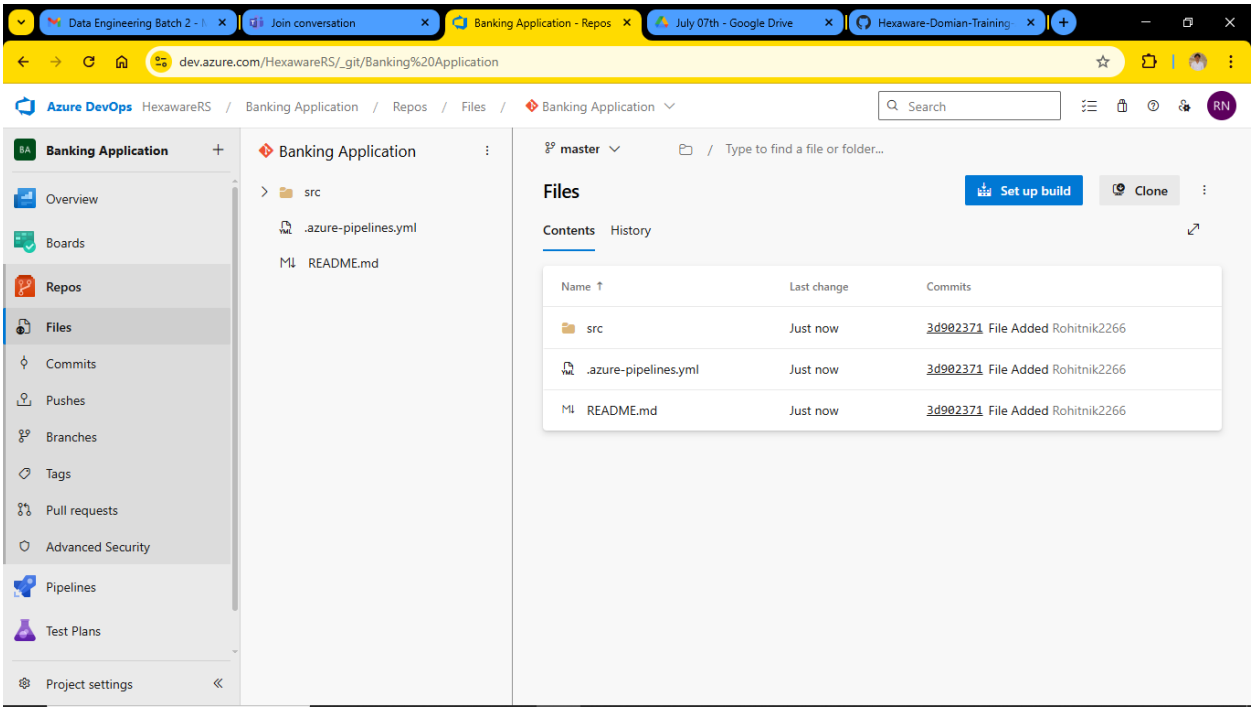



```
D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>git init
Initialized empty Git repository in D:/COMPANIES/HEXAWARE/TRANING NOTES/DOMIAN TRAINING/banking-app/.git/

D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>
```

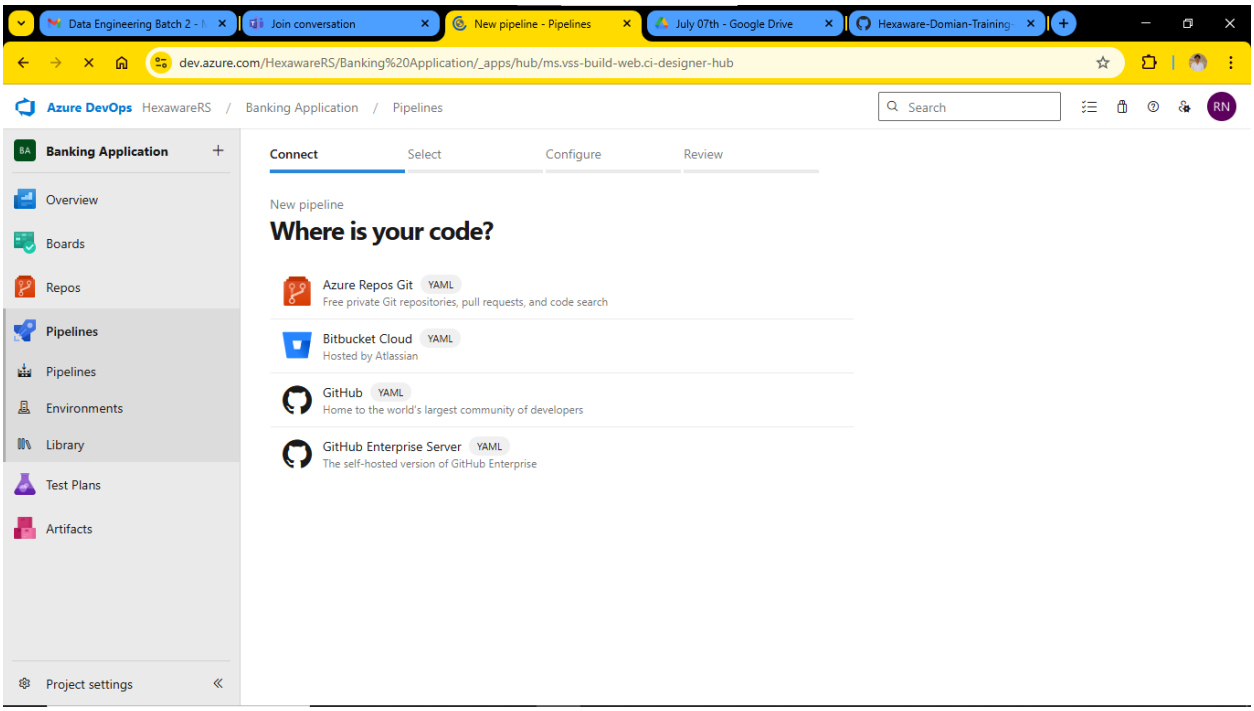
```
D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>git remote add origin git@ssh.dev.azure.com:v3/HexawareR
S/Banking%20Application/Banking%20Application

D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>
```

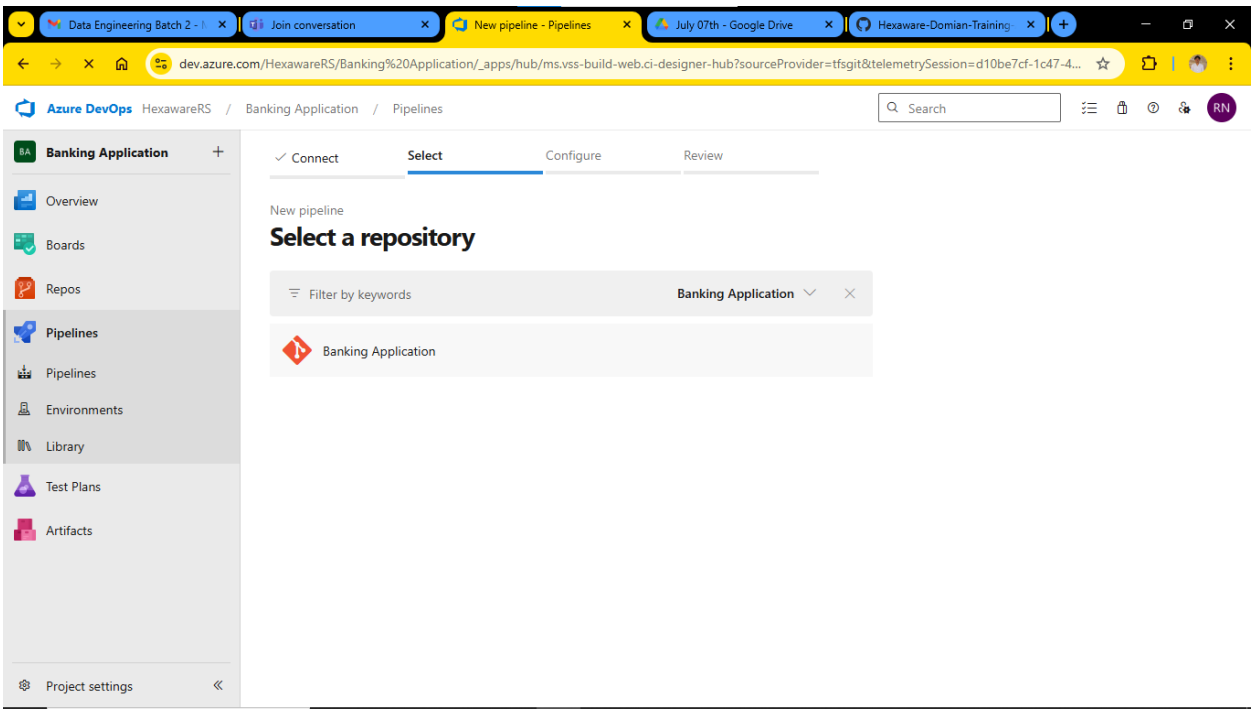
```
D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>git add .

D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>git commit -m "File Added"
[master (root-commit) 3d90237] File Added
 3 files changed, 14 insertions(+)
 create mode 100644 .azure-pipelines.yml
 create mode 100644 README.md
 create mode 100644 src/app.py
```

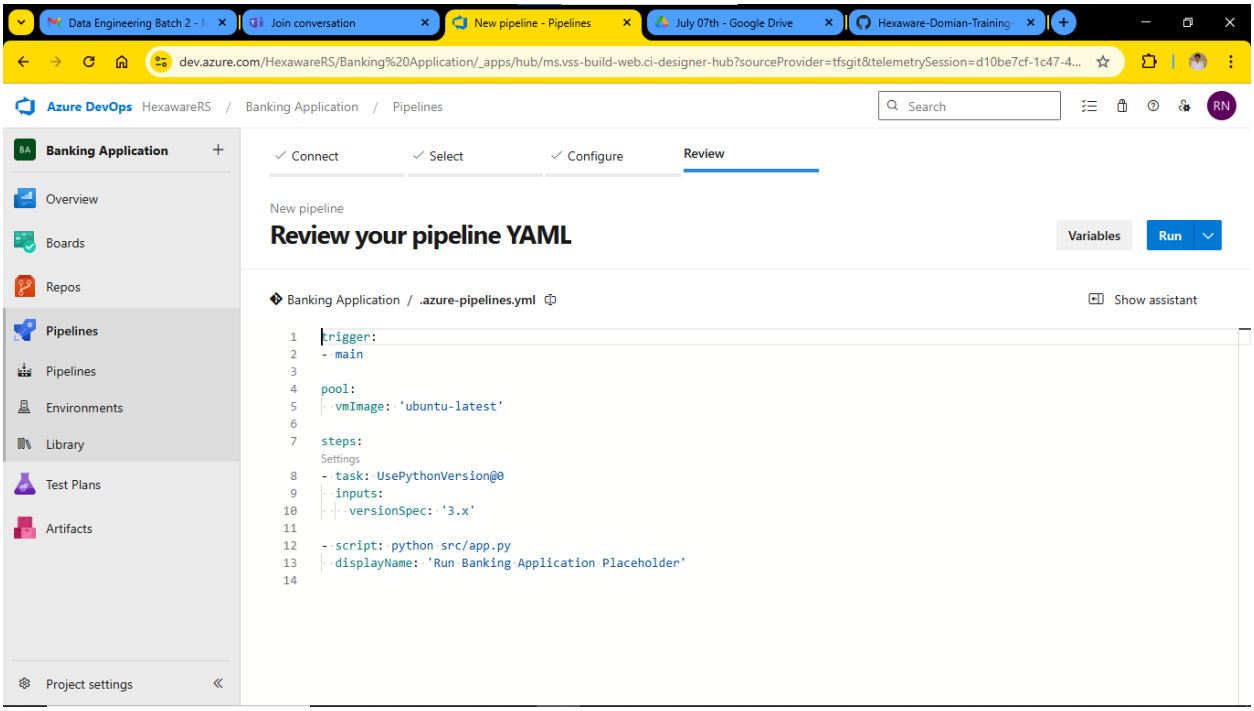
```
D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>git push -u origin --all
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 567 bytes | 141.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Validating commits... (1/1) done (1 ms)
remote: Storing packfile... done (85 ms)
remote: Storing index... done (73 ms)
remote: Updating refs... done (204 ms)
To ssh.dev.azure.com:v3/HexawareRS/Banking%20Application/Banking%20Application
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

D:\COMPANIES\HEXAWARE\TRANING NOTES\DOMIAN TRAINING\banking-app>
```

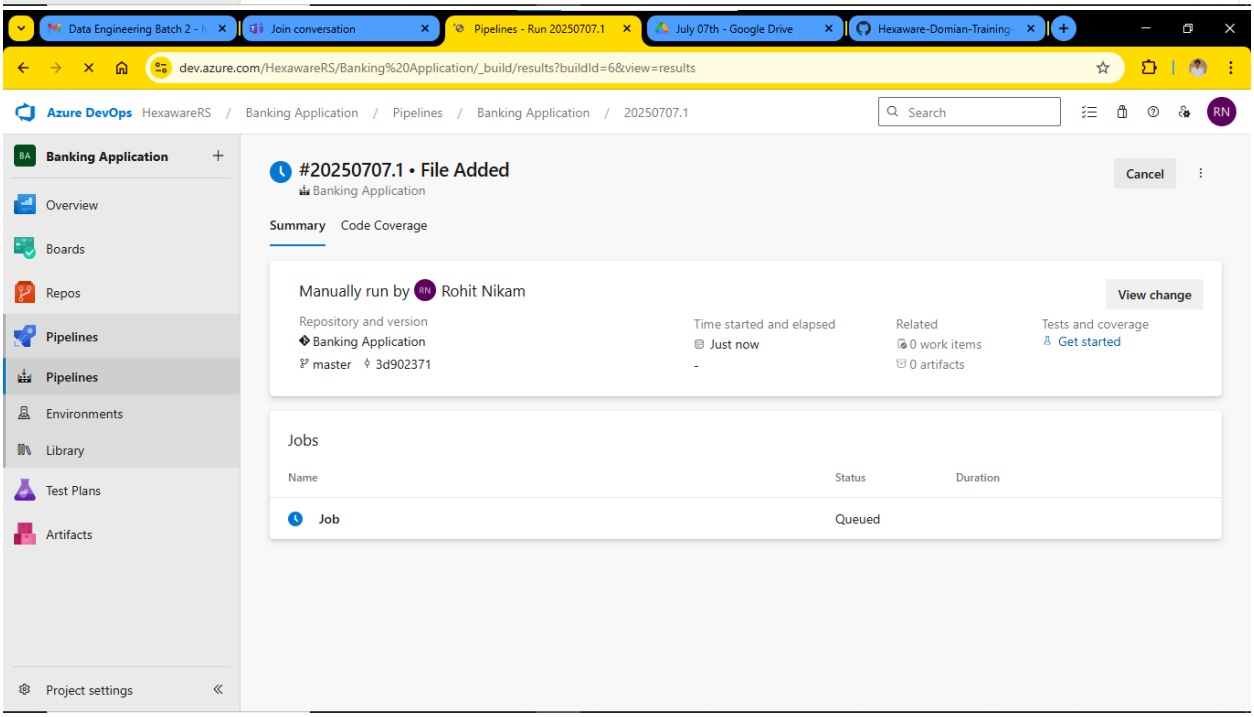

Data Engineering Batch 2 -
Join conversation
Banking Application - Repos
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/_git/Banking%20Application
Azure DevOps
HexawareRS / Banking Application / Repos / Files / Banking Application
Search
RN
Banking Application
Overview
Boards
Repos
Files
Commits
Pushes
Branches
Tags
Pull requests
Advanced Security
Pipelines
Test Plans
Project settings
Banking Application
src
.azure-pipelines.yml
README.md
master
Type to find a file or folder...
Files
Set up build
Clone
Contents
History
Name
Last change
Commits
src
Just now
3d902371 File Added Rohitnik2266
.azure-pipelines.yml
Just now
3d902371 File Added Rohitnik2266
README.md
Just now
3d902371 File Added Rohitnik2266

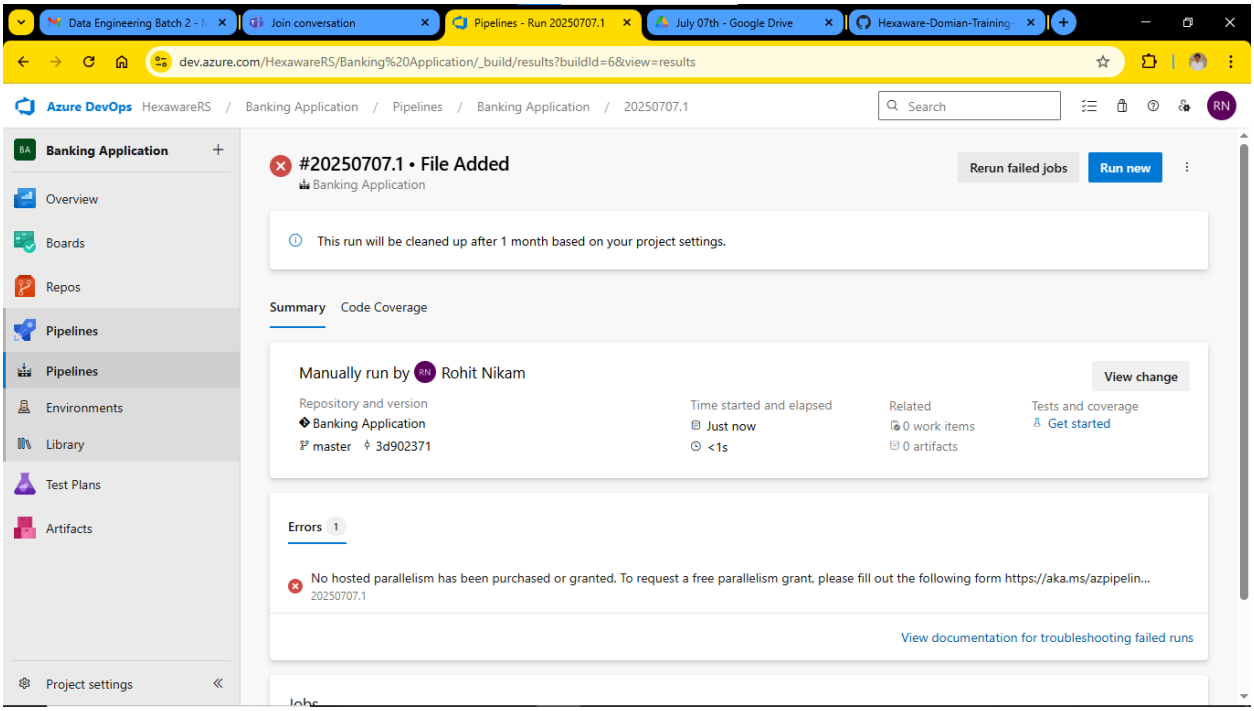
PART 3 - Configure CI/CD Pipeline






Data Engineering Batch 2 -
Join conversation
New pipeline - Pipelines
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_apps/hub/ms.vss-build-web.ci-designer-hub?sourceProvider=tfsgit&telemetrySession=d10be7cf-1c47-4...
Azure DevOps HexawareRS / Banking Application / Pipelines
Search
RN
Banking Application
Overview
Boards
Repos
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
Connect
Select
Configure
Review
New pipeline
Review your pipeline YAML
Variables
Run
Banking Application / .azure-pipelines.yml
Show assistant
1 trigger:
2 - main
3
4 pool:
5 vmImage: 'ubuntu-latest'
6
7 steps:
Settings
8 - task: UsePythonVersion@0
9 inputs:
10 versionSpec: '3.x'
11
12 - script: python src/app.py
13 displayName: 'Run Banking Application Placeholder'
14


Data Engineering Batch 2 -
Join conversation
Pipelines - Run 20250707.1
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_build/results?buildId=6&view=results
Azure DevOps HexawareRS / Banking Application / Pipelines / Banking Application / 20250707.1
Search
RN
Banking Application
Overview
Boards
Repos
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
#20250707.1 • File Added
Banking Application
Cancel
Summary
Code Coverage
Manually run by RN Rohit Nikam
View change
Repository and version
Banking Application
master 3d902371
Time started and elapsed
Just now
-
Related
0 work items
0 artifacts
Tests and coverage
Get started
Jobs
Name
Status
Duration
Job
Queued


Data Engineering Batch 2 -
Join conversation
Pipelines - Run 20250707.1
July 07th - Google Drive
Hexaware-Domian-Training
dev.azure.com/HexawareRS/Banking%20Application/_build/results?buildId=6&view=results
Azure DevOps
HexawareRS / Banking Application / Pipelines / Banking Application / 20250707.1
Search
RN
Banking Application
Overview
Boards
Repos
Pipelines
Pipelines
Environments
Library
Test Plans
Artifacts
Project settings
#20250707.1 • File Added
Banking Application
Rerun failed jobs
Run new
This run will be cleaned up after 1 month based on your project settings.
Summary
Code Coverage
Manually run by RN Rohit Nikam
View change
Repository and version
Banking Application
master 3d902371
Time started and elapsed
Just now
<1s
Related
0 work items
0 artifacts
Tests and coverage
Get started
Errors 1
No hosted parallelism has been purchased or granted. To request a free parallelism grant, please fill out the following form https://aka.ms/azpipelin...
20250707.1
View documentation for troubleshooting failed runs
Jobs