**Deploy a Prototype Webapp of a Bank Login Page Using Docker**

**GitHub:**

1. **Create a new Wep App Project:**

● Open Visual Studio 2022

● Click on “Create a new Project” to create a project named “WebAppBank”

● Choose “ASP.NET Core Web App(MVC)” from the given list of project templates

● Select only Enable Docker

● Click “Create”

● Project gets created including “Dockerfile” Docker Desktop SetUp:

● Open Docker Desktop

● Make sure that the Docker Engine is running in background throughout the application

Build the Solution Controller:

● Add the required code of Login and Dashboard Actions in default HomeController.cs Views:

● Create Views for Login & Dashboard actions: right click on respective Action ->Add

view ->select razor empty view->name respective views->add. ● Add required code to the respective Login View & Dashboard View

\_Layout.cshtml:

Include both Login & Dashboard Views of HomeController in \_Layout.cshtml file.

Save the Code and Build the Solution

Build & Run:

**2. Open visual studio**

Connect to docker

Docker build –t bank-img –f “path” .

Docker run –it –rm bank-image

Docker images

3. Push to GitHub

Push the code to the GitHub repository with the Git changes option.