**Practice Project 2**

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

Source codes:

**Login.cshtml:**

@{

ViewData["Title"] = "Login";

}

@\*<h1>Login</h1>\*@

<div>

<h1>Login Page</h1>

<**form** method="post">

<div class="form-group">

<label for="username">Username:</label>

<input type="text" class="form-control" id="username" name="Username">

</div>

<div class="form-group">

<label for="password">Password:</label>

<input type="password" class="form-control" id="password" name="Password">

</div>

<button type="submit" class="btn btn-primary">Login</button>

</**form**>

</div>

**Dashboard.cshtml:**

@{

ViewData["Title"] = "DashBoard";

}

<div class="row">

<h1>Welcome to DashBoard</h1>

<div class="col-md-4">

<button class="btn btn-primary">View Profile</button>

</div>

<div class="col-md-4">

<button class="btn btn-warning">view Transaction</button>

</div>

<div class="col-md-4">

<a class="btn btn-secondary" href="/Home/Login">Logout</a>

</div>

</div>

DockerFile:

#See https://aka.ms/customizecontainer to learn how to customize your debug container and how Visual Studio uses this Dockerfile to build your images for faster debugging.

FROM mcr.microsoft.com/dotnet/aspnet:6.0 AS base

WORKDIR /app

EXPOSE 80

FROM mcr.microsoft.com/dotnet/sdk:6.0 AS build

ARG BUILD\_CONFIGURATION=Release

WORKDIR /src

COPY ["PracticePro2/PracticePro2.csproj", "PracticePro2/"]

RUN dotnet restore "./PracticePro2/./PracticePro2.csproj"

COPY . .

WORKDIR "/src/PracticePro2"

RUN dotnet build "./PracticePro2.csproj" -c $BUILD\_CONFIGURATION -o /app/build

FROM build AS publish

ARG BUILD\_CONFIGURATION=Release

RUN dotnet publish "./PracticePro2.csproj" -c $BUILD\_CONFIGURATION -o /app/publish /p:UseAppHost=false

FROM base AS final

WORKDIR /app

COPY --from=publish /app/publish .

ENTRYPOINT ["dotnet", "PracticePro2.dll"]