**Source Code for Deploy a Prototype Webapp of a Bank Login Page Using Docker**

**Login.cshtml:**

@{

ViewData["Title"] = "Login";

}

<h2>Login</h2>

<form method="post">

<div class="form-group">

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

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

</div>

<div class="form-group">

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

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

</div><br />

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

</form>

**Dashboard.cshtml:**

@{

ViewData["Title"] = "Dashboard";

}

<h2>Dashboard</h2>

<div class="row">

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

<button class="btn btn-success">View Account Balance</button>

</div>

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

<button class="btn btn-info">Transfer Funds</button>

</div>

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

<button class="btn btn-danger">Logout</button>

</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.

#Depending on the operating system of the host machines(s) that will build or run the containers, the image specified in the FROM statement may need to be changed.

#For more information, please see https://aka.ms/containercompat

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

WORKDIR /app

EXPOSE 80

EXPOSE 443

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

WORKDIR /src

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

RUN dotnet restore "BankApp/BankApp.csproj"

COPY . .

WORKDIR "/src/BankApp"

RUN dotnet build "BankApp.csproj" -c Release -o /app/build

FROM build AS publish

RUN dotnet publish "BankApp.csproj" -c Release -o /app/publish /p:UseAppHost=false

FROM base AS final

WORKDIR /app

COPY --from=publish /app/publish .

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