# Software Requirements:

* Visual Studio 2017 or Higher
* SQL server 2012 or Higher
* .Net Core 3.1

# Project Folder Structure:

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# Environment setup:

## Database Setup:

* Create a database in SQL server named “OnlineBanking”

Graphical user interface, text, application

Description automatically generated

* Run the database scripts from the folder “Database-Scripts” in the below order.

Graphical user interface, text

Description automatically generated

* On successful scripts execution ensure following tables are created.

Table

Description automatically generated

* On successful scripts execution ensure following seeded entries are available in new database.

Graphical user interface, text, application, email

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# Application Setup:

* Open BankingWebApplication solution. Build and ensure no errors are occurred.
* Modify the appsettings.json file to update the connection string

Text

Description automatically generated

1. Run the solution, will bring the website up

Graphical user interface

Description automatically generated

# Application Functionalities:

There are 3 roles available:

1. Admin (Database Seeded)
2. Teller
3. Customer

## Default Admin User (Manager Role):

Application has default user seeded in database. default credentials are:

Username: admin

Password: admin

Landing Page:

Graphical user interface, text, application, email

Description automatically generated

Admin can perform following operations

* Open Account for Customer
* Assign and modify user role for newly created users (Teller & Customer) – Users screen has an option to edit role for the user.
* Deposit/ withdraw for any customer
* Since Admin user is seeded , those details cannot be modified.

# User Registration & Role assignment:

Any user can register themselves as below:

Graphical user interface

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Once registration is successful, User cannot able to login immediately until a role is assigned to user by admin.

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Edit link – use to edit the User details

Details link – use to view the user details

Graphical user interface, application

Description automatically generated

Once role has been assigned, Teller can create new account and perform withdraw and deposit operation for the customer.

Customer can add new payee and transfer the amount to the payee.

## Teller Landing Page

Graphical user interface, text, application, email

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Create account screen:Graphical user interface

Description automatically generated with medium confidence

Graphical user interface

Description automatically generated with medium confidence

Deposit link – to deposit amount

Withdraw link – to withdraw amount

View Transactions link – to View transaction for the account for date range

# Customer Landing page:

Graphical user interface, text, application, email

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Account No link – To view last 10 transactions for the account

View Transactions link – To view transactions for specific date range

## Payee:

Graphical user interface, text, application, email

Description automatically generated

Add payee:

Graphical user interface

Description automatically generated

Multiple payee option:

Graphical user interface, text, application

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