EAD CA2 Project

Barber Shop – Book your Barbers

12/05/2022

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Project Documentation

Github: https://github.com/Nemanjavu/AppBarberShop

Azure: https://appbarbershop20220511222004.azurewebsites.net

Project Proposal

Our proposal is to create a web application for people who want to book a barber at the Barber Shop.

Users will be able to register and account with the app, Login and Logout.

Users will be able to input the date and time of the booking they require and check to see if there are any barbers available on that date/time. User can then choose what service they are looking for and to then book with an available barber.
Users can then see a list of all future bookings that they have which will allow the users to edit their booing to change the date, time, service or barber, if available.
Users can also delete their booking all together.

Users can see further details about our barbers by clicking on the barbers' name.
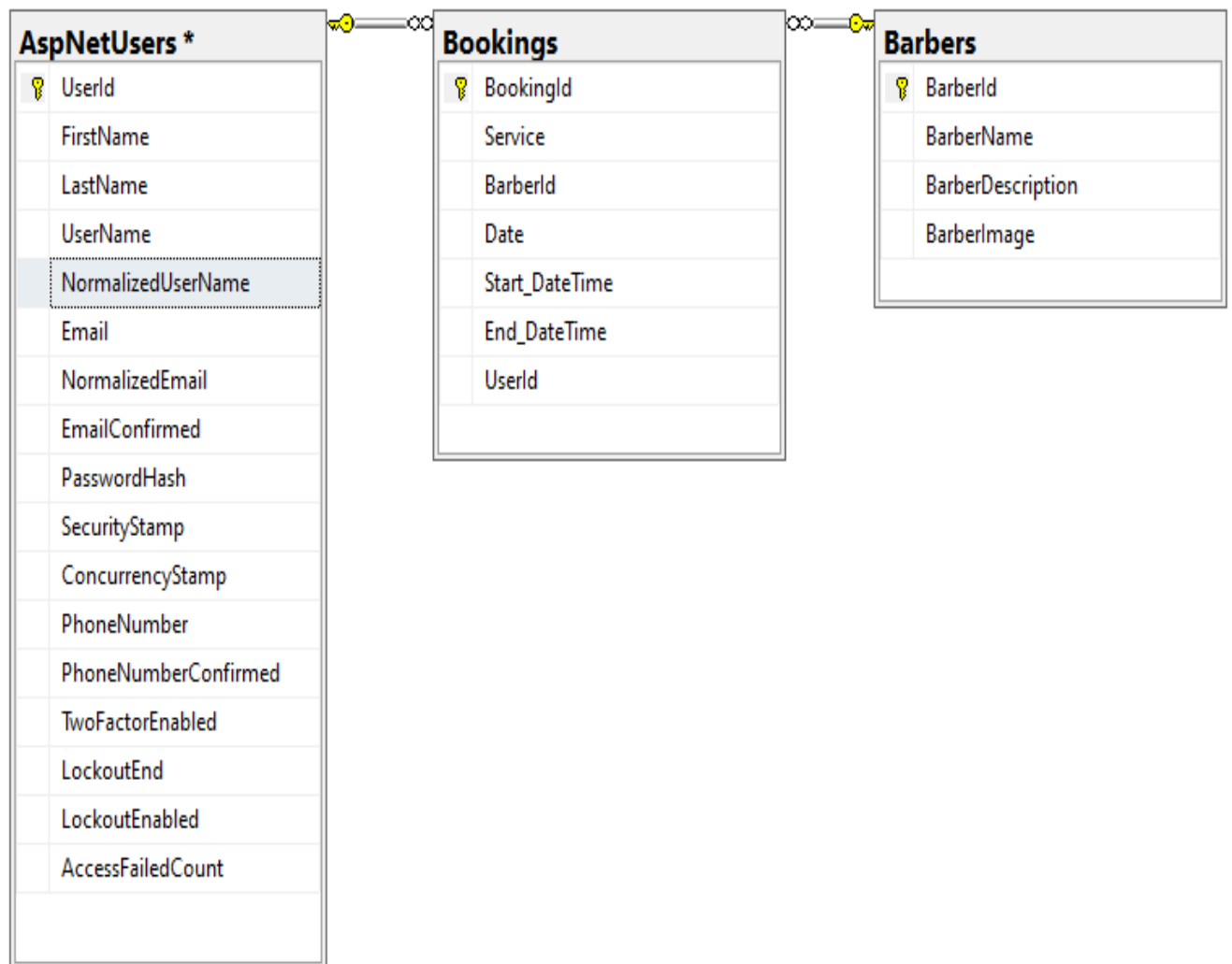
Database Scheme

There are three tables on our database.

AspNetUsers - the project leveraged the tables that came with ASP.Net Identity: FirstName and LastName fields were added to the table. Primary Key UserId

Bookings – Primary Key BookingId, Foreign Keys: UserId, BarberId. Service Enum.

Barbers – Primary Key BarberId

AspNetUsers *
🔑 UserId
FirstName
LastName
UserName
NormalizedUserName
Email
NormalizedEmail
EmailConfirmed
PasswordHash
SecurityStamp
ConcurrencyStamp
PhoneNumber
PhoneNumberConfirmed
TwoFactorEnabled
LockoutEnd
LockoutEnabled
AccessFailedCount

Bookings
🔑 BookingId
Service
BarberId
Date
Start_DateTime
End_DateTime
UserId

Barbers
🔑 BarberId
BarberName
BarberDescription
BarberImage

URI Addressing Scheme

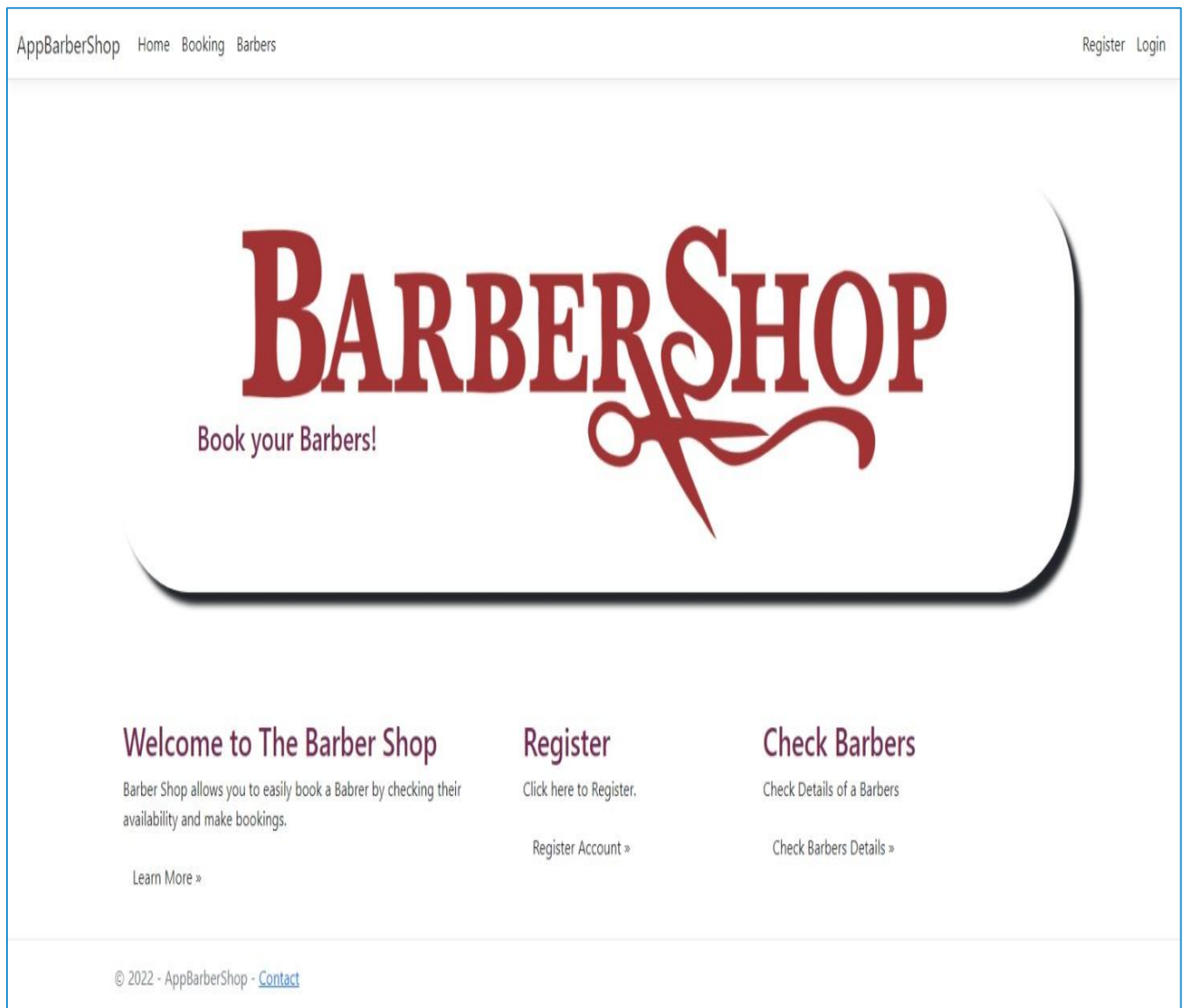| Action Type	Route	Purpose
Get	https://appbarbershop20220511222004.azurewebsites.net or https://appbarbershop20220511222004.azurewebsites.net/Home	Access Home Page
Get	About - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access About Page
Get	Log in - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Acess Login Page
Get	Register - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access Register Page
Get	Index - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access List of Barbers
Get	- AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access First Barber Details
Get	- AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access Second Barber Details
Get	- AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access Third Barber Details
Get	Index - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Access User's List of Future Bookings
Get and Post	Create - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Check Date and Times
Get and Post	Create - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Create Booking
Get and Post	Edit - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Edit a Booking
Get and Delete	Delete - AppBarberShop (appbarbershop20220511222004.azurewebsites.net)	Delete a Booking

Unit Testing Results

Screen Shots

Home Page

Home Page with access to the other pages of the app.

Home/About Page

Small paragraph about the app and details on where to find the documentation.

AppBarberShop   Home Booking Barbers   Register Login

Barber Shop

This Application was created as part of Enterprise Application Design module of the Higher Diploma in Compuer Science, Technological University of Dublin, Tallaght Karl Mulcahy (X00170637) and Nemanja Neducic (X00170645).

Barber Shop allows user to check deatils of Babars, check the availability of the barbers and to create, update and delete a booking.

Further documentation on this project can be found at this GitHub Link.

Home/Contact Page

Small paragraph about where to find the creators.

AppBarberShop   Home   Booking   Barbers   Register   Login

Contact

You can find Karl Mulcahy here GitHub Link

You can find Nemanja Neducic here GitHub Link

Identity/Account/Register

Register an account

AppBarberShop   Home Booking Barbers   Register Login

Register
Create a new account.

FirstName

LastName

Email

Password

Confirm password

Register

Identity/Account/Login

Login to account

AppBarberShop   Home   Booking   Barbers   Register   Login

Log in

Use a local account to log in.

Email

Password

☐ Remember me?

Log in

Forgot your password?

Register as a new user

Booking/Index

List Bookings - Empty

Your Future Bookings

Create New Booking

You do not have any booking.

Booking/Create
Create a Booking – Check Date and Times

AppBarberShop Home Booking Barbers   Hello karl1@gmail! Logout

Find Barber for a New Booking

Date

13/05/2022

Start Time

08:00

End Time

09:00

Find Barber

Back to List

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Booking/Create
Error of Date or Time is incorrect

Find Barber for a New Booking

- Please check start and end times. A booking cannot end before it starts.
- Invalid Date.
- Please check start time. A booking cannot be made prior to now.

Date

| 11/05/2022 | 🗓 |

Start Time

11:00 AM

End Time

9:00 AM

Find Barber

Back to List

Booking/Create2
Create a Booking – Choose Service and Barber

AppBarberShop   Home   Booking   Barbers   Hello karl1@gmail!   Logout

Complete Booking

Choose service

| Shaving |

Date
13/05/2022
Start Time
08:00
End Time
09:00
UserId
BarberId

| John Smith |

See below for meeting room information.

Create Meeting   Change Date/Times

Available Meeting Rooms

Barber Name

Jackie Byrne

John Smith

Mary Dolan

Back to List

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Booking/Index
List Bookings – Entry

Your Future Bookings

Create New Booking

Date	Timeslot	Barber Name	Choose service	
13/05/2022	08:00 – 09:00	John Smith	Shaving	Edit | Cancel

Booking/Edit
Edit Bookings

Edit your Booking

Choose service

Shaving

Date

13/05/2022

Start Time

08:00

End Time

09:00

Barber

John Smith

Save

Back to List

Booking/Edit

Error if Barber is not free on date/time you try change booking to

Edit your Booking

- This Barber is not available at the selected date and time. Please try to make another booking.

Choose service

DryCut

Date

15/05/2022

Start Time

8:00 AM

End Time

9:00 AM

Barber

Jackie Byrne

Save

Back to List

Booking/Delete
Delete Bookings

Delete

Are you sure you want to delete this Booking?

Once you click delete, this action cannot be undone.

Barber Name

Choose service
DryCut

Date
13/05/2022

Start Time
8:00 AM

End Time
9:00 AM

Delete | Back to List

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Barber/Index
List of Barbers

Barbers

Barber Name	
John Smith	Details	
Mary Dolan	Details	
Jackie Byrne	Details	

Barber/Detail
Give details on Barbers

Barber: John Smith

Barber Description

10 years experience; you won't get a better fade.