EAD CA2 Project

Barber Shop – Book your Barbers

12/05/2022

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Lecturer: Dermot Boyle

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.

Project Plan

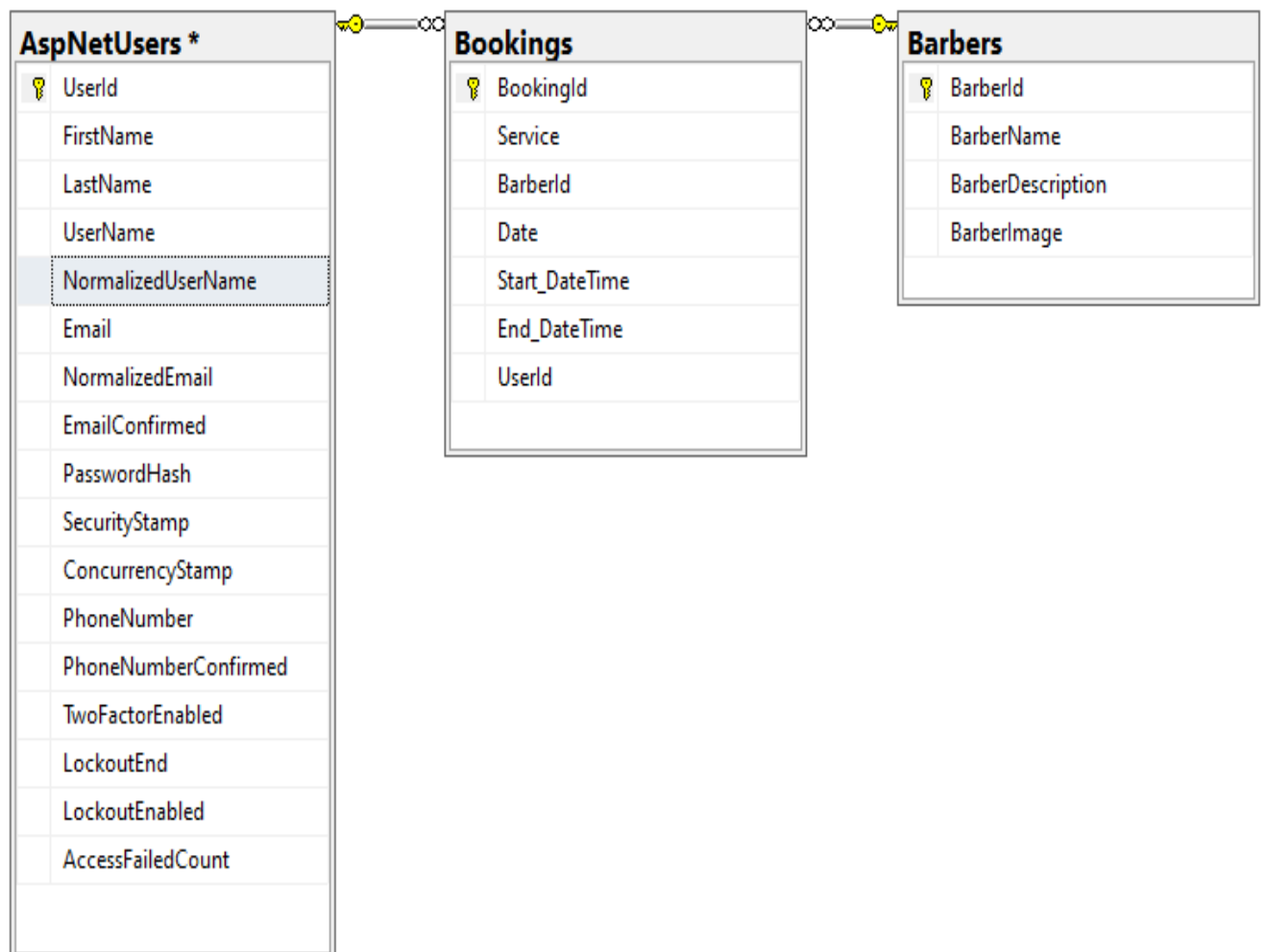| Project Plan		
Week Commencing on Thursday	**Task**	**Status**
24/03/2022	Upload Proposal Create Project Design Create Project Plan	Completed Completed Completed
31/03/2022	Push GitHub Create Classes – Booking Create Classes – Barber Create Enum -Service	Completed Completed Completed Completed
07/04/2022	Create Classes – Identity Create Controllers – Home Create Controllers Barber	Completed Completed Completed
14/04/2022	Define CRUD Bookings - Index/View Bookings - Create - Edit - Delete Define Vies for Barbers - Index/List of Barbers - View Barbers Description	Completed Completed
21/04/2022	Views for all Pages Format look of Page	Completed
28/04/2022	Delete previous Git and Push again Fix Bugs in Models Fix Bugs in Controllers	Completed Completed Completed
05/05/2022	Fix Bugs in Views Fix Bugs in Tests Deploy on Azure	Completed Completed Completed
12/05/2022	Finalise Documentation Create Client Demos	Completed Completed (Error) Completed

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

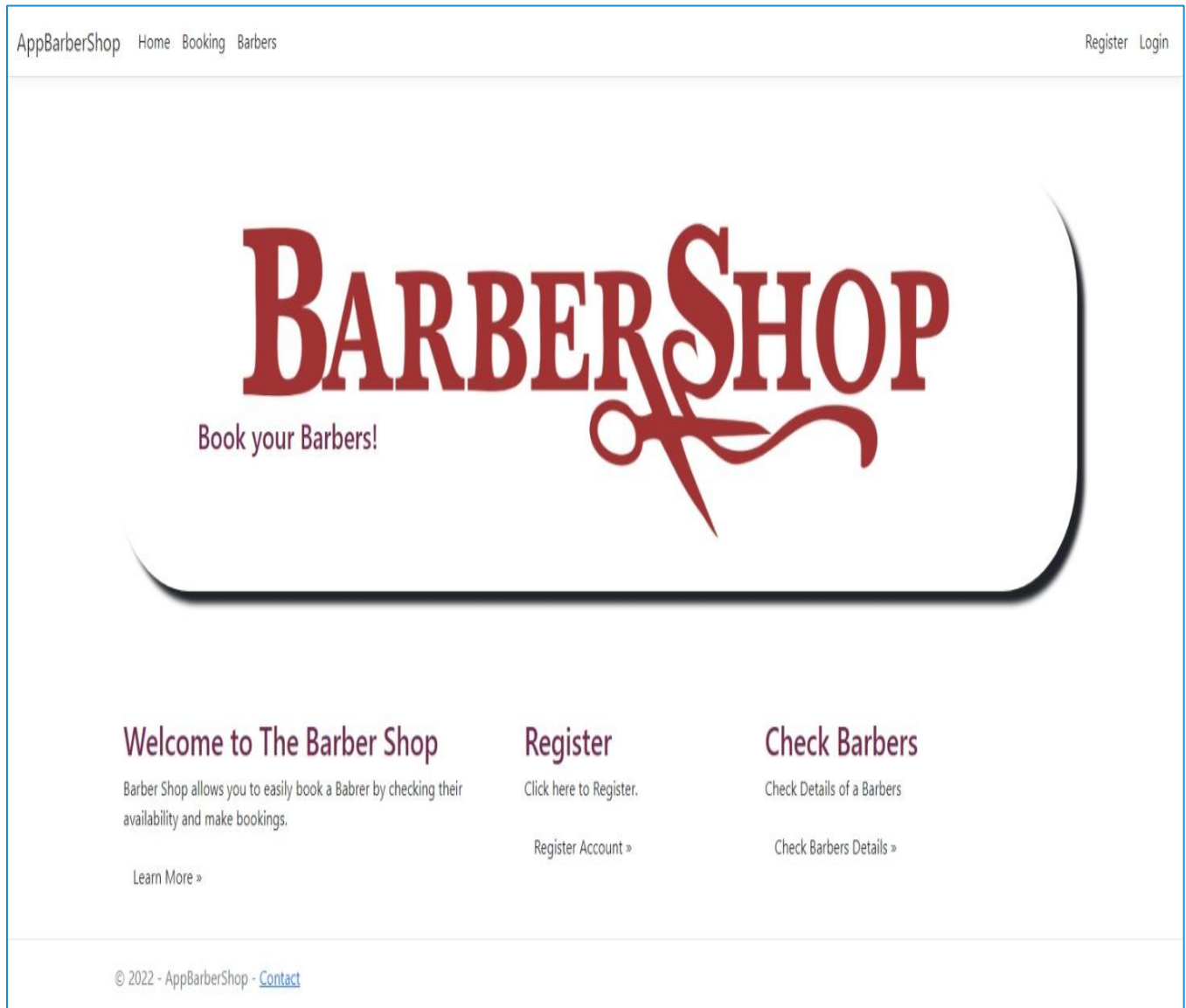| Action Type	Route	Purpose
Get	https://appbarbershop20220511222004.azurewebsites.net or https://appbarbershop20220511222004.azurewebsites.net/Home	Access Home Page
Get	About - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access About Page
Get	Log in - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Acess Login Page
Get	Register - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access Register Page
Get	Index - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access List of Barbers
Get	- AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access First Barber Details
Get	- AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access Second Barber Details
Get	- AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access Third Barber Details
Get	Index - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Access User's List of Future Bookings
Get and Post	Create - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Check Date and Times
Get and Post	Create - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Create Booking
Get and Post	Edit - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Edit a Booking
Get and Delete	Delete - AppBarberShop (appbarbershop2022051122 2004.azurewebsites.net)	Delete a Booking

Unit Testing Results

Test Explorer

Test	Duration	Traits
▲ ✅ AppBarberShop.Test (5)	125 ms	
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▲ ✅ BarberControlerTests (1)	17 ms	
✅ Details_ShouldFail_WhenNullBarberID	17 ms	
▲ ✅ BookingControllerTests (3)	106 ms	
✅ CreateTest_ShouldFailIfInvalidTimes	105 ms	
✅ Delete_ShouldFail_WhenIncorrectID	1 ms	
✅ Delete_ShouldFail_WhenNullID	< 1 ms	
▲ ✅ HomeControllerTest (1)	2 ms	
✅ Index_Should_Return_View	2 ms	

Group Summary

AppBarberShop.Test

Tests in group : 5

🕐 Total Duration : 125 ms

Outcomes

✅ 5 Passed

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.

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

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

Booking/Index

List Bookings – Entry

AppBarberShop   Home   Booking   Barbers   Hello karl1@gmail!   Logout

Your Future Bookings

Create New Booking

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

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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

AppBarberShop   Home   Booking   Barbers   Hello karl1@gmail!   Logout

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

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.