CITYPOINT ROOM HIRE

Visual Designs

ABDULKARIM NASER

MOCK EXAM

T-Level Computing

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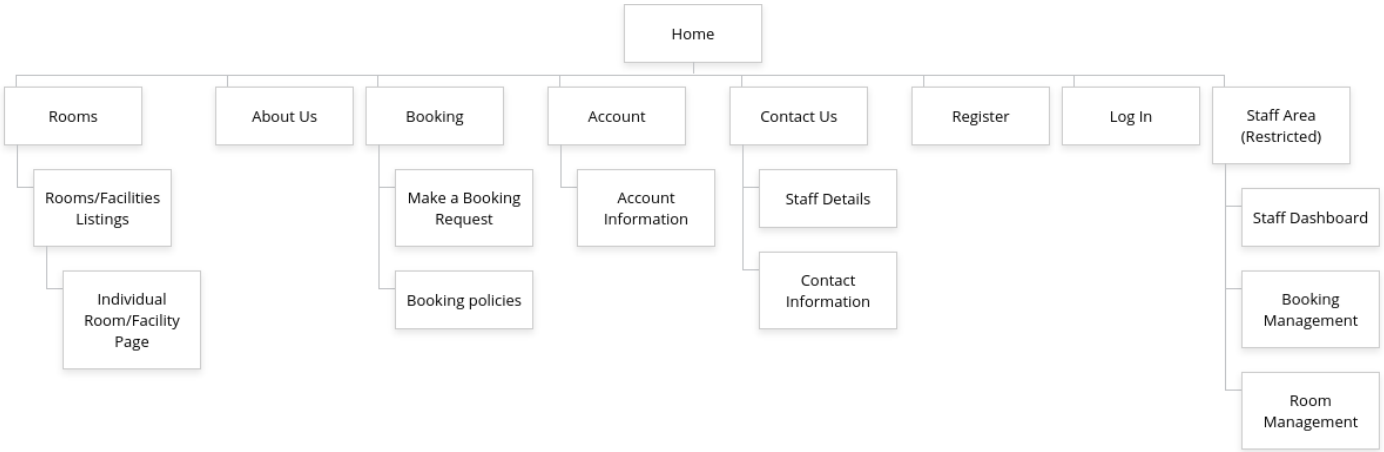
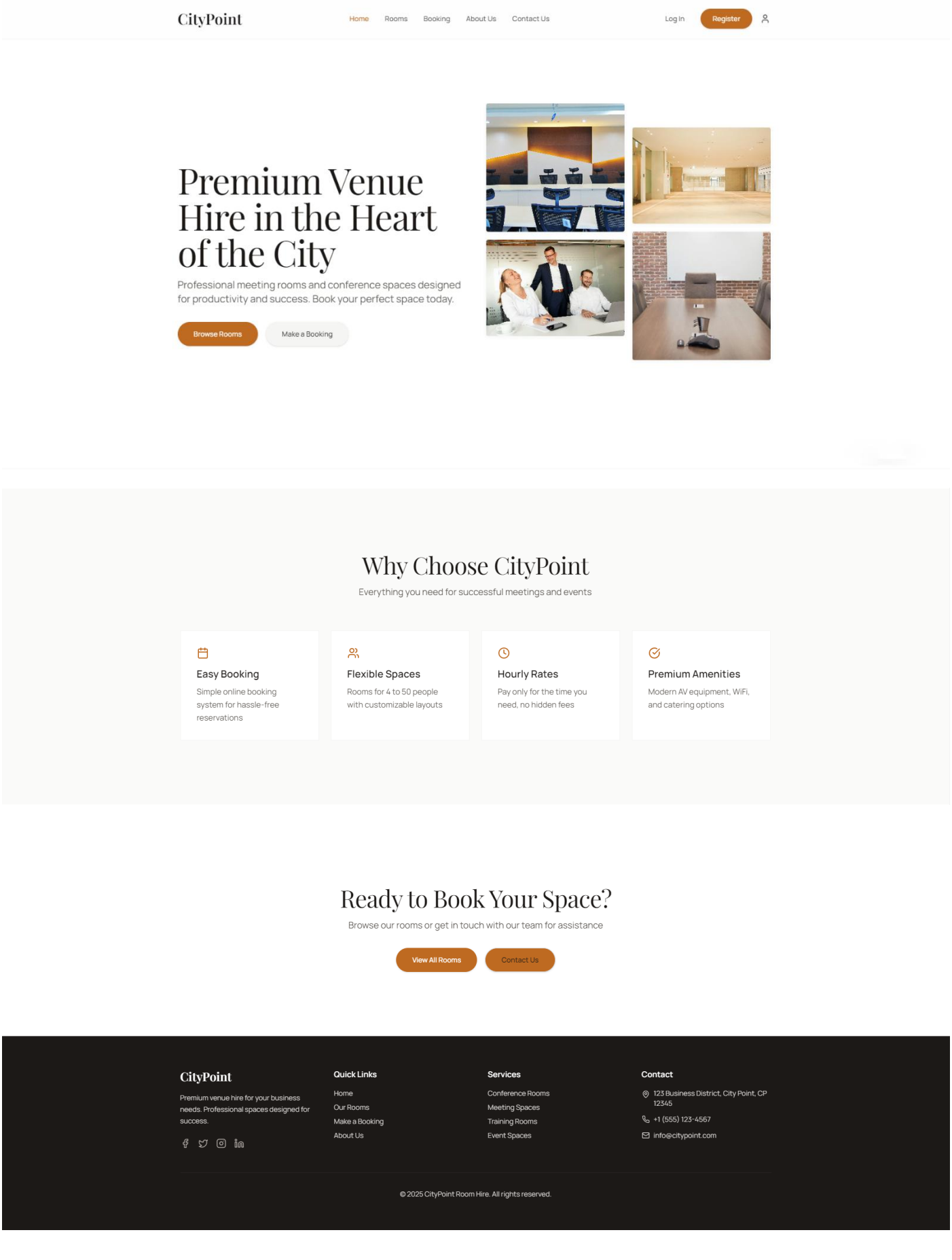
Site Map


Home
Rooms
About Us
Booking
Account
Contact Us
Register
Log In
Staff Area (Restricted)
Rooms/Facilities Listings
Individual Room/Facility Page
Make a Booking Request
Booking policies
Account Information
Staff Details
Contact Information
Staff Dashboard
Booking Management
Room Management

Wireframe Designs

Home Page



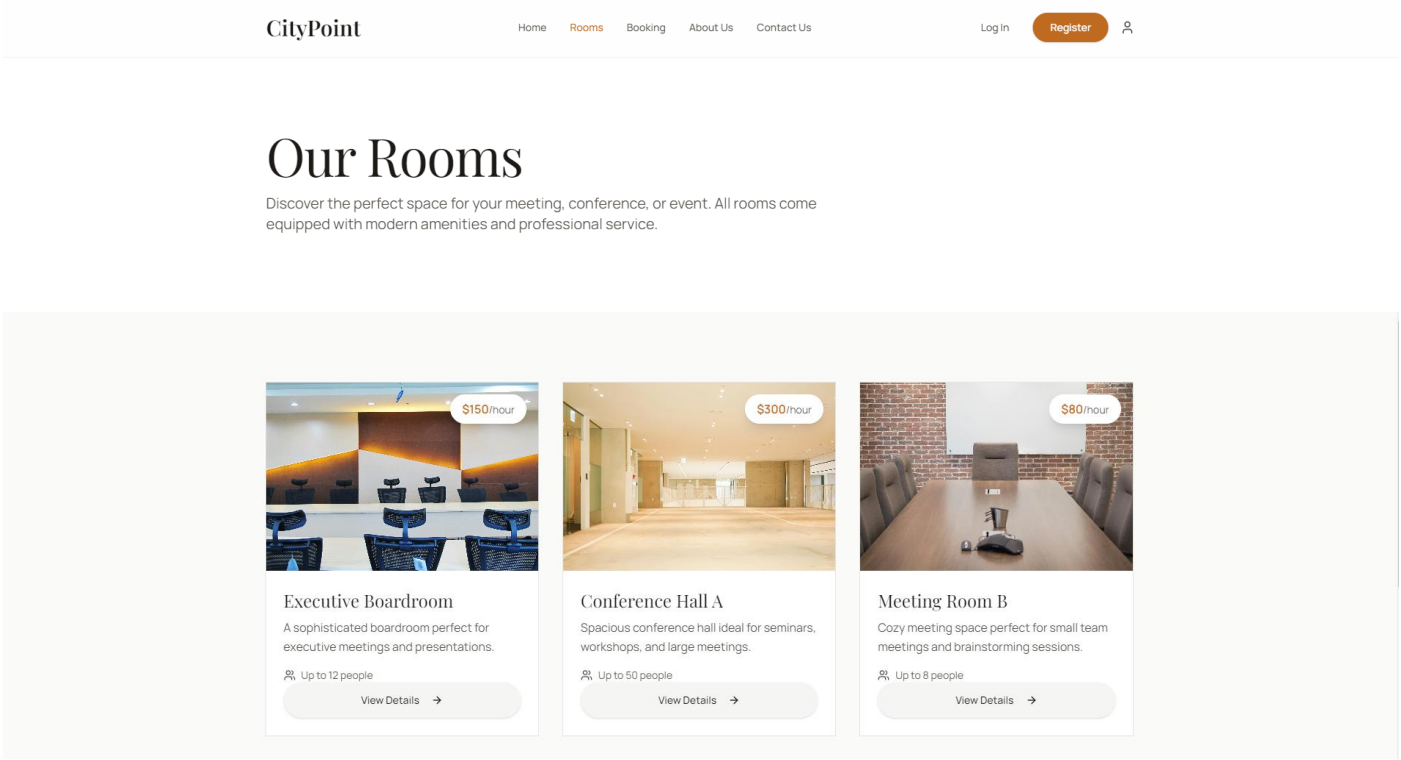
Througout all of my wireframes I have implemented a consistent structure and layout, I have used the same navbar in all of my pages in order for the user to have a seemless user experience so that they can navigate easily without any difficulties. The colours I have used on my navbar are white, a warm brown, and a dark charcoal colour for the text. I chose this neutral colour palette for the reason of making it easy for the user to see the key elements on the pages.

I have used the warm brown colour on all the important/relevant buttons on the page, the warm colour attracts the users to inspect the buttons and that helps them find all the pages they are interested in. This way it will help with the user engagement and their user experience.

The images that have been used are originally from a website called unsplash.com and in their website they have clearly stated that the images can be downloaded and used for free, for both commercial and non-commercial use purposes. So I am certain that using these images is legal and that I am following all the regulatory guidelines without violating any intellectual property or copyright laws.

The footer I have designed will also be used consistently throughout all the pages without any changes. It consists of a dark charcoal colour like the text of the website, this will help show the user that they have reached the end of the page when they see the dark colour compared to the light colous used on the other parts of the page. The footer include all the socials of the business, quick links for the users and simple contact information as well.

Rooms Page



Creative Studio

Flexible space designed for creative workshops and collaborative sessions.

Up to 15 people

View Details →

Training Room

Professional training space with classroom-style setup and modern amenities.

Up to 30 people

View Details →

Private Office Suite

Intimate office space perfect for confidential meetings and small discussions.

Up to 4 people

View Details →

Can't Find What You Need?

Contact our team for custom arrangements and special requirements

Contact Us | Make a Booking

CityPoint

Premium venue hire for your business needs. Professional spaces designed for success.

Quick Links

- Home
- Our Rooms
- Make a Booking
- About Us

Services

- Conference Rooms
- Meeting Spaces
- Training Rooms
- Event Spaces

Contact

123 Business District, City Point, CP 12345

+1 (555) 123-4567

info@citypoint.com

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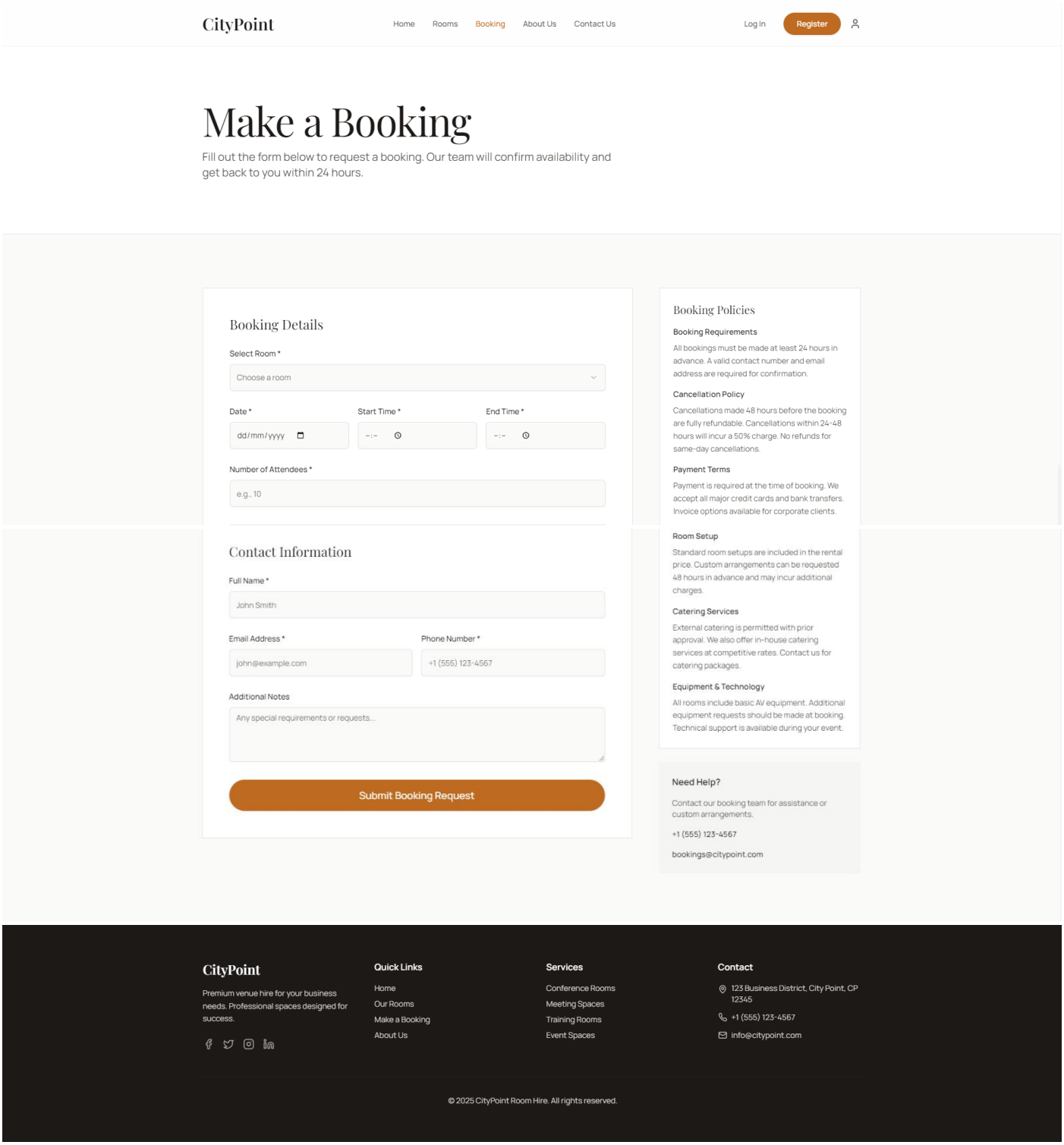
Booking Page



About Us Page

About CityPoint

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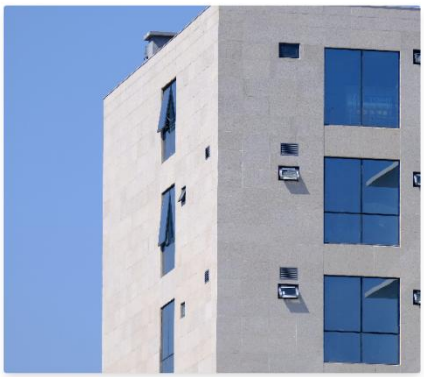

500+
Successful Events

200+
Happy Clients

6
Premium Rooms

24/7
Support Available

Our Values

What drives us to deliver exceptional service every day

Our Mission

To provide exceptional venue spaces that empower businesses and individuals to host successful meetings and events.

Excellence

We maintain the highest standards in facilities, equipment, and service to ensure your event runs smoothly.

Customer Focus

Your satisfaction is our priority. We go above and beyond to meet your needs and exceed expectations.

Prime Location

Located in the heart of the business district with excellent accessibility and nearby amenities.

Our Story

Text Text Text Text Text Text Text Text Text Text Text Text
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Text Text Text Text Text Text Text Text Text Text Text Text
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Text Text Text Text Text Text Text Text Text Text Text Text
Text Text Text Text Text Text Text Text Text Text Text Text

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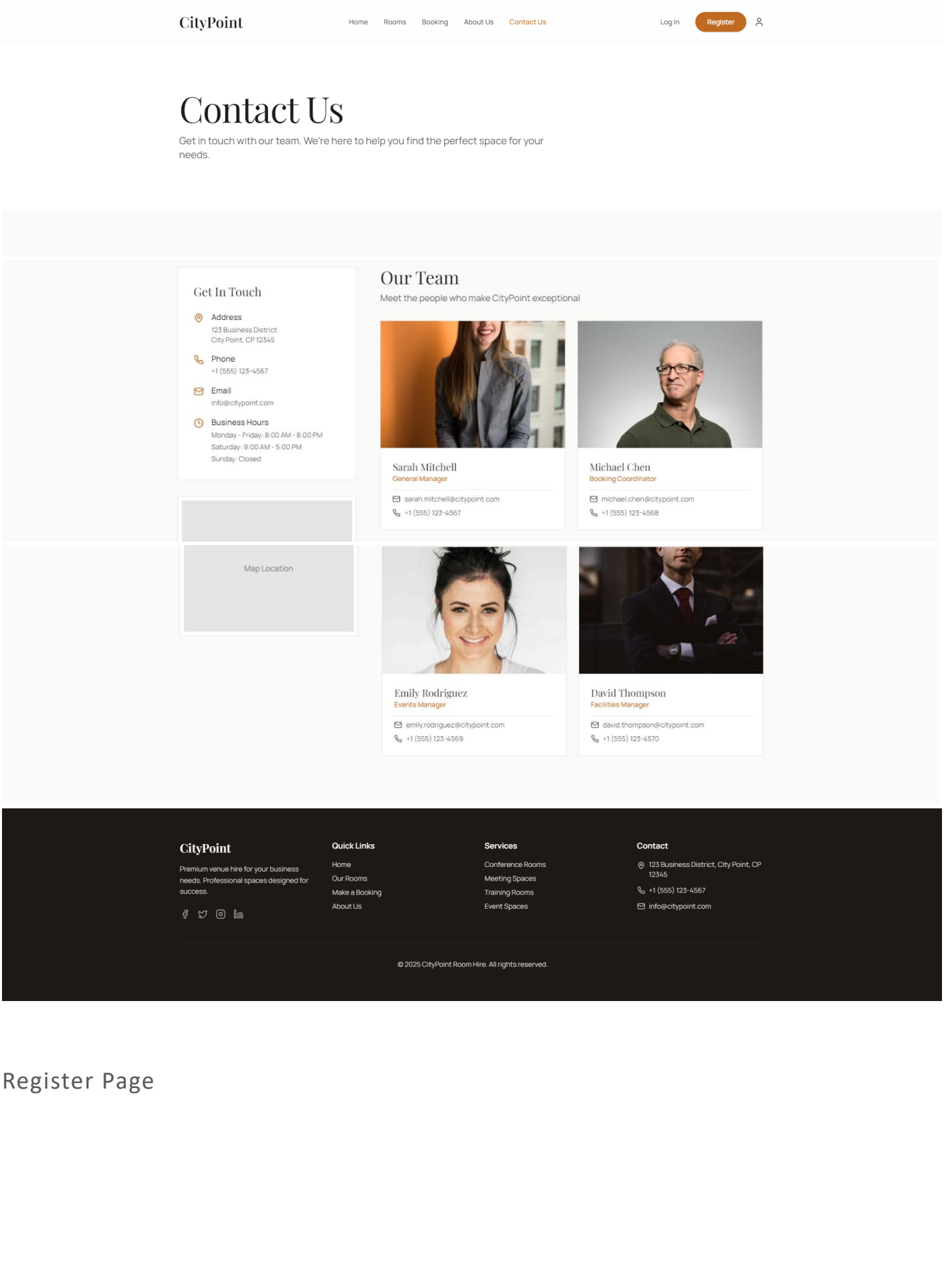
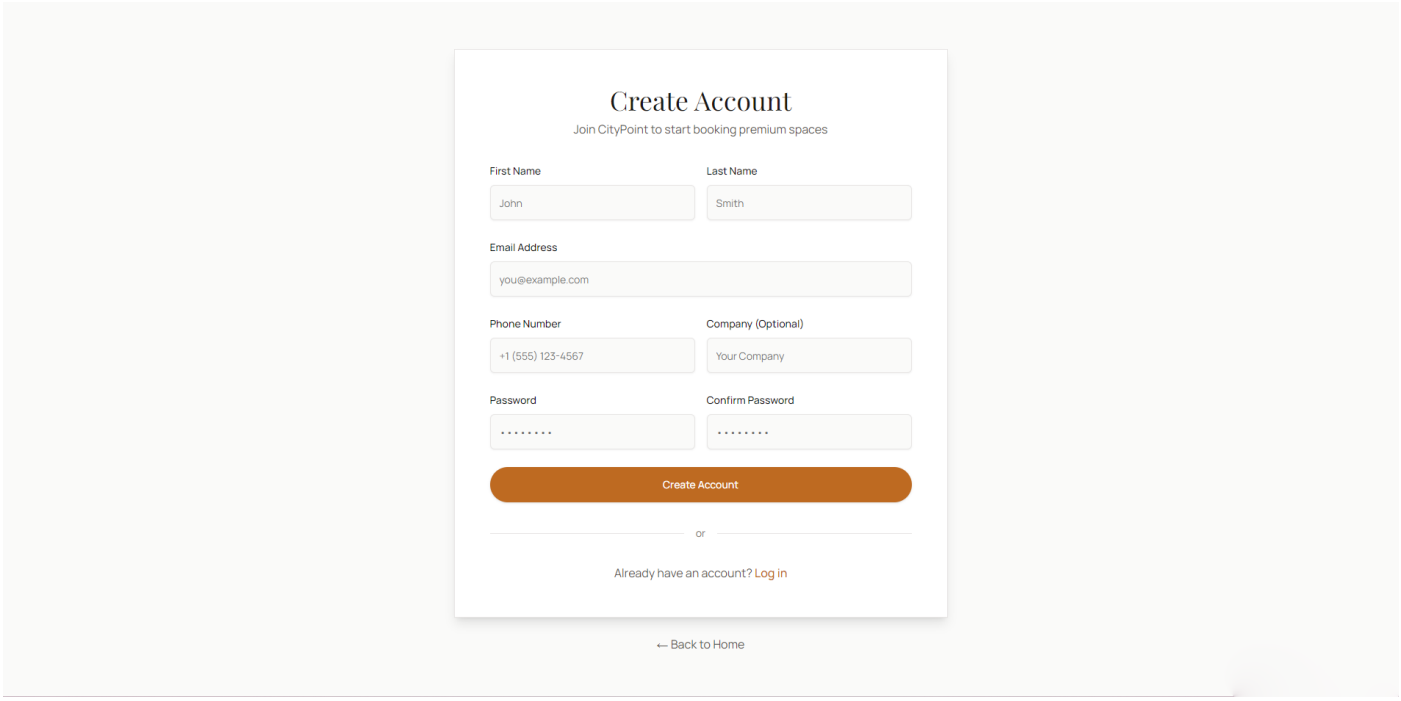
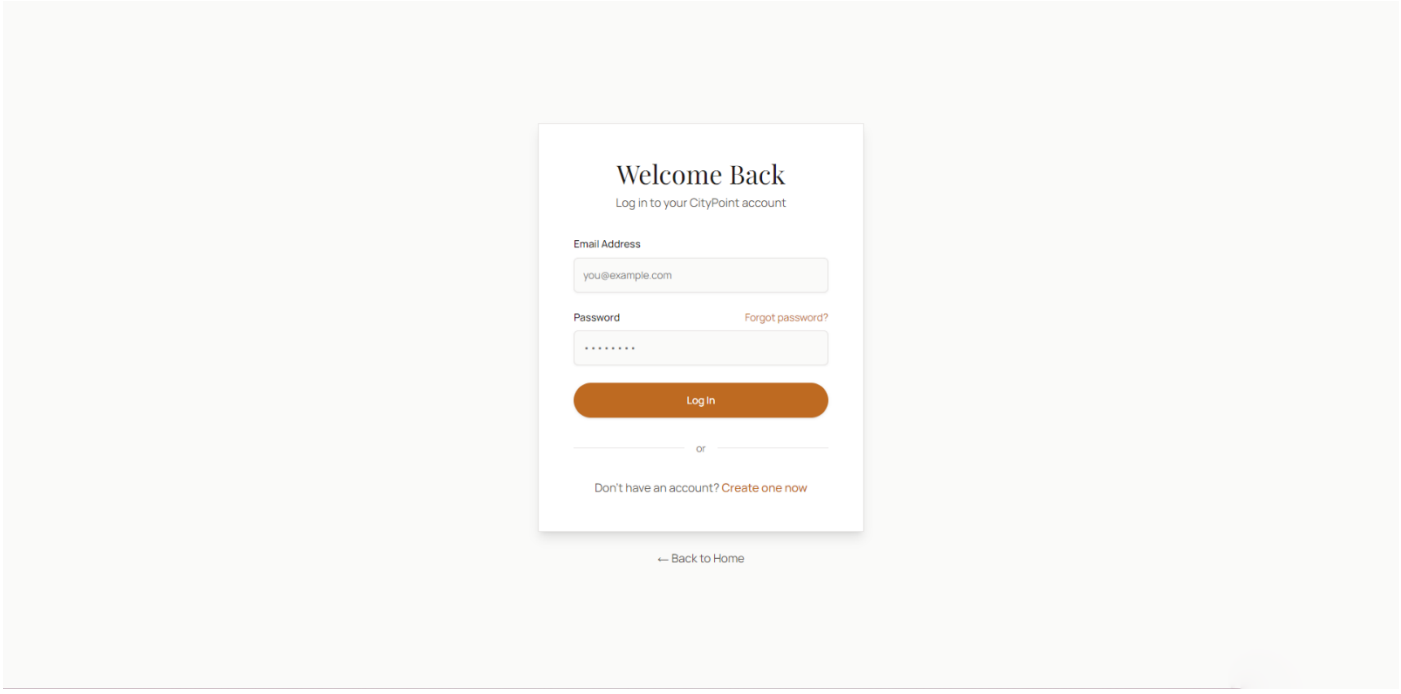
Contact Us Page



Register Page

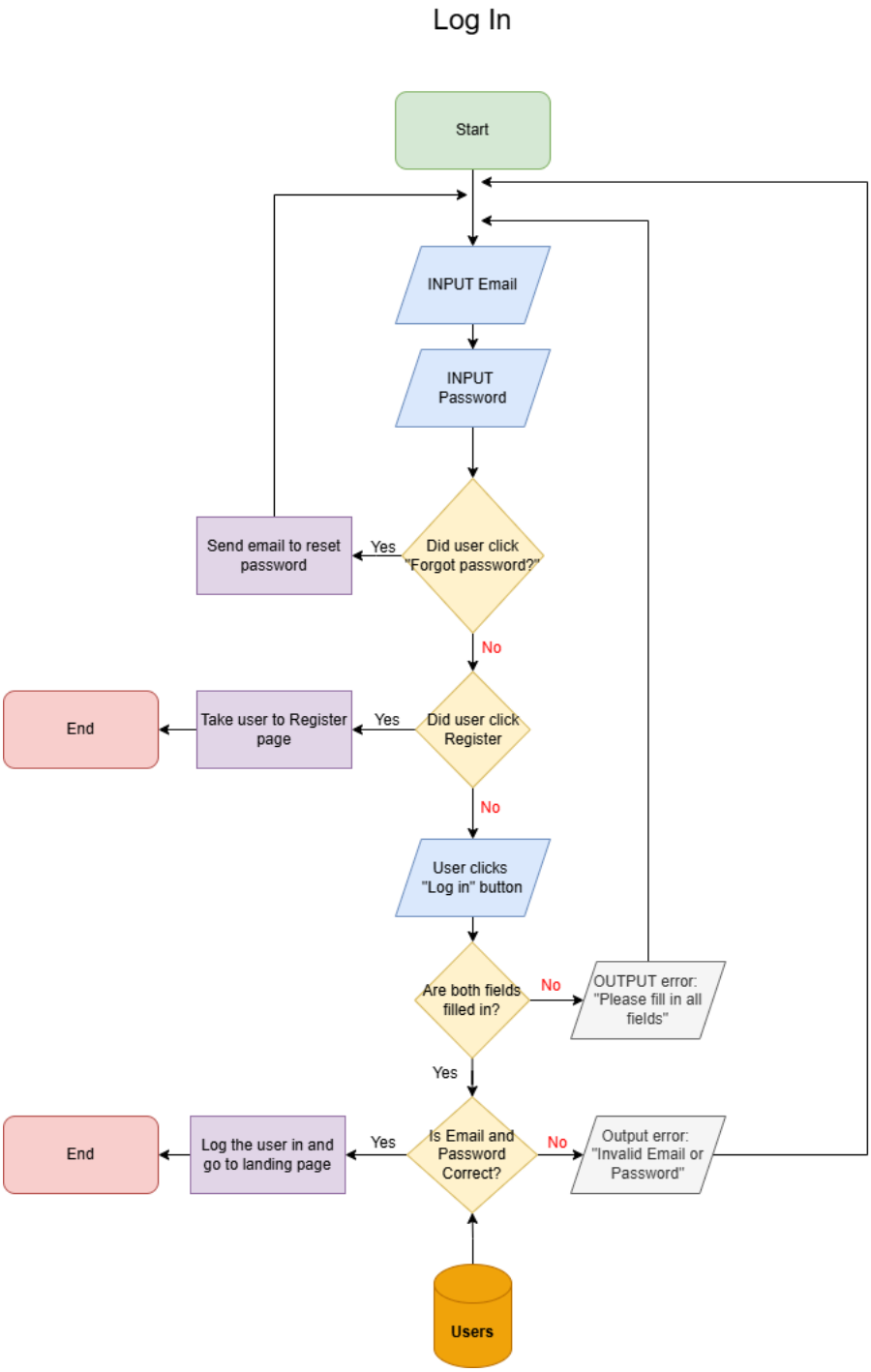

Create Account
Join CityPoint to start booking premium spaces
First Name
John
Last Name
Smith
Email Address
you@example.com
Phone Number
+1 (555) 123-4567
Company (Optional)
Your Company
Password
Confirm Password
Create Account
or
Already have an account? Log in
← Back to Home

Log in Page


Welcome Back
Log in to your CityPoint account
Email Address
you@example.com
Password
Forgot password?
Log In
or
Don't have an account? Create one now
← Back to Home

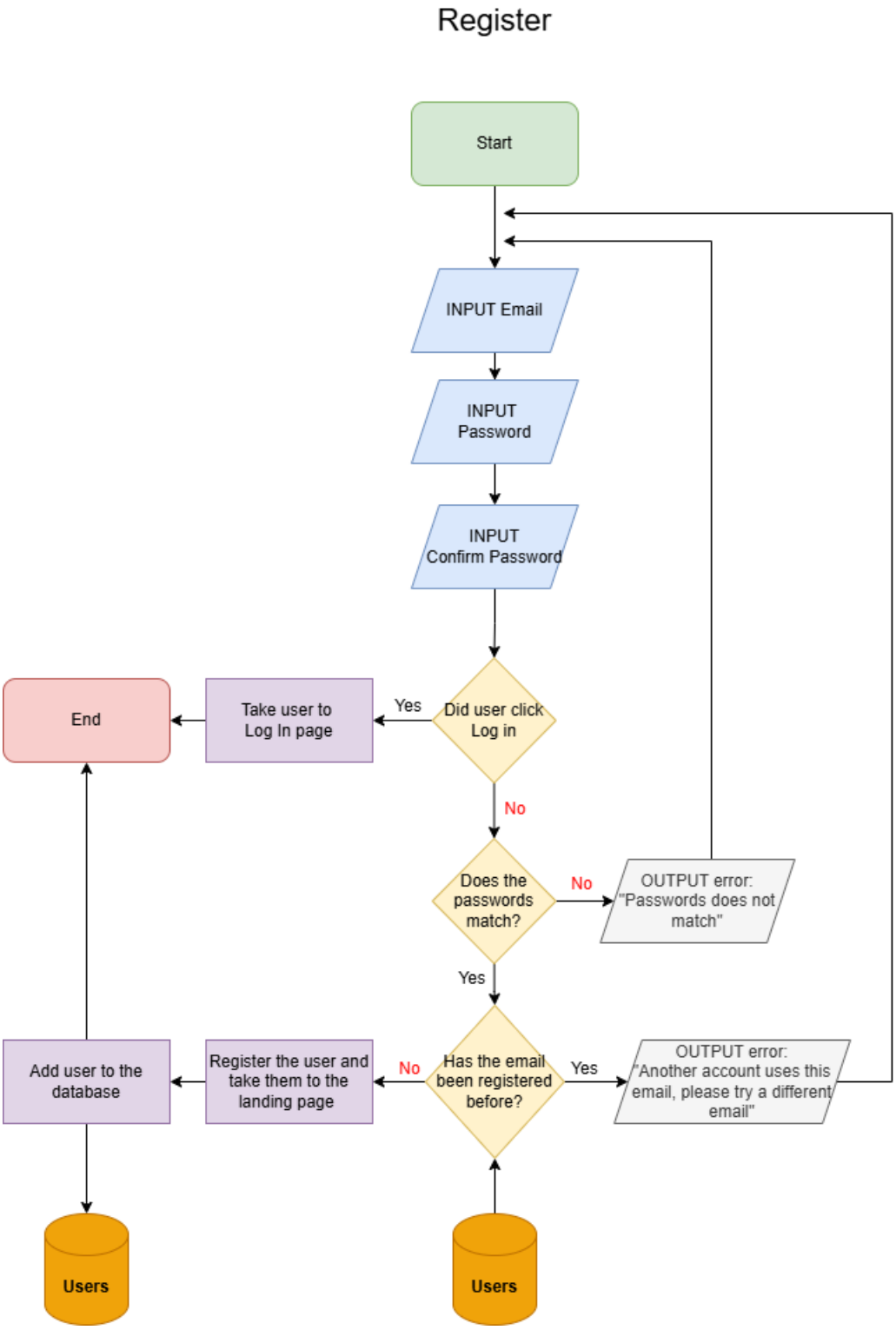
Algorithm Designs (Flowcharts)

Logging in



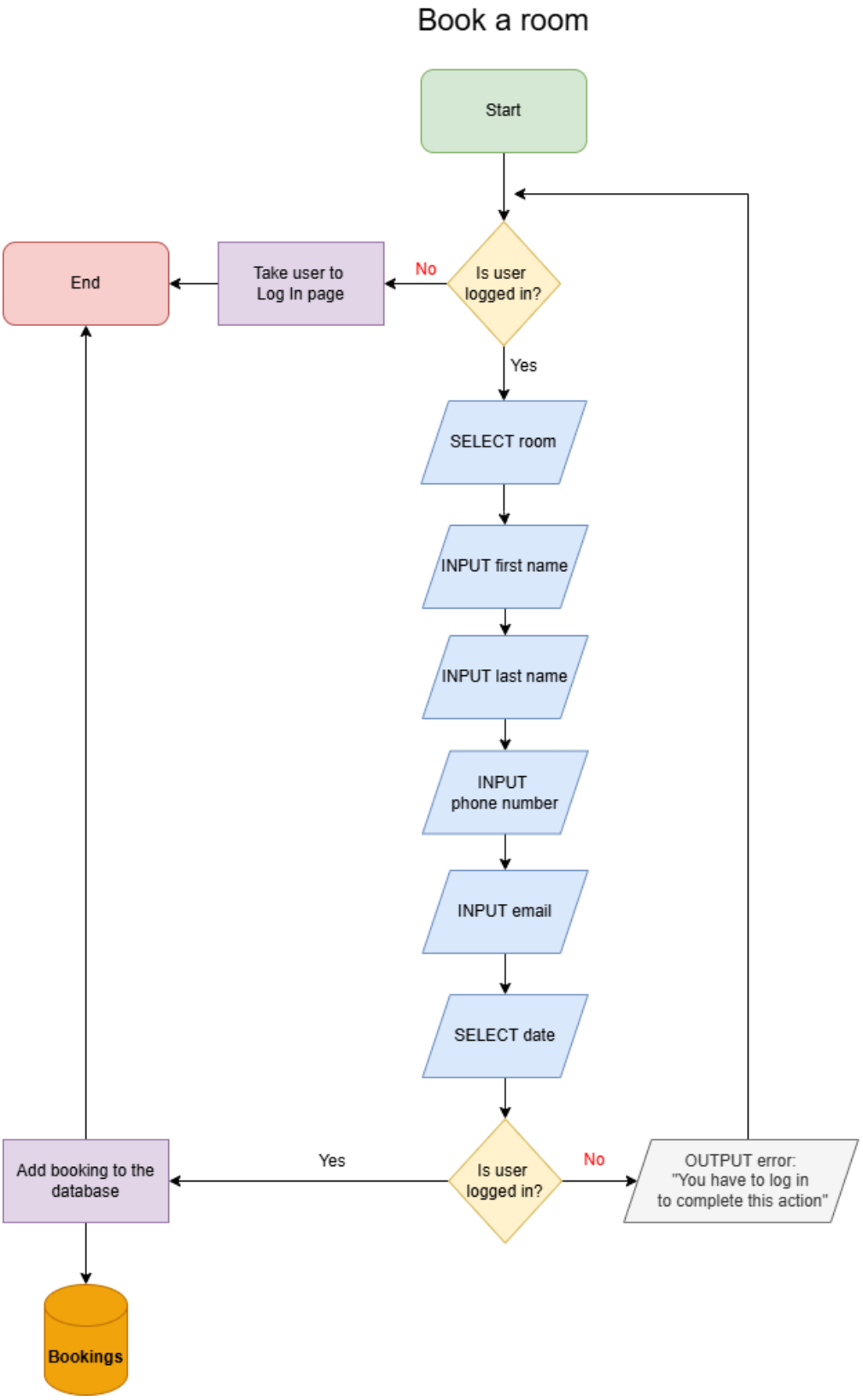
When the user is in the log in page, they will be prompted to input their email and password to each required field. The system will then assess if the user clicked other options such as forgot password or register, if they did it will take the appropriate actions such as sending a reset email link or redirecting the user to the register page. If the user did not choose any other options and filled in the required fields and clicked the log in button, the system will then check if both fields are filled and if the email and password match the ones in the database. If both fields are not filled then an error message is outputted, same thing for the login credentials if they do not match the ones in the database. Lastly if all the steps were correct then the system will successfully log in the user and redirect them to the landing page.

Register



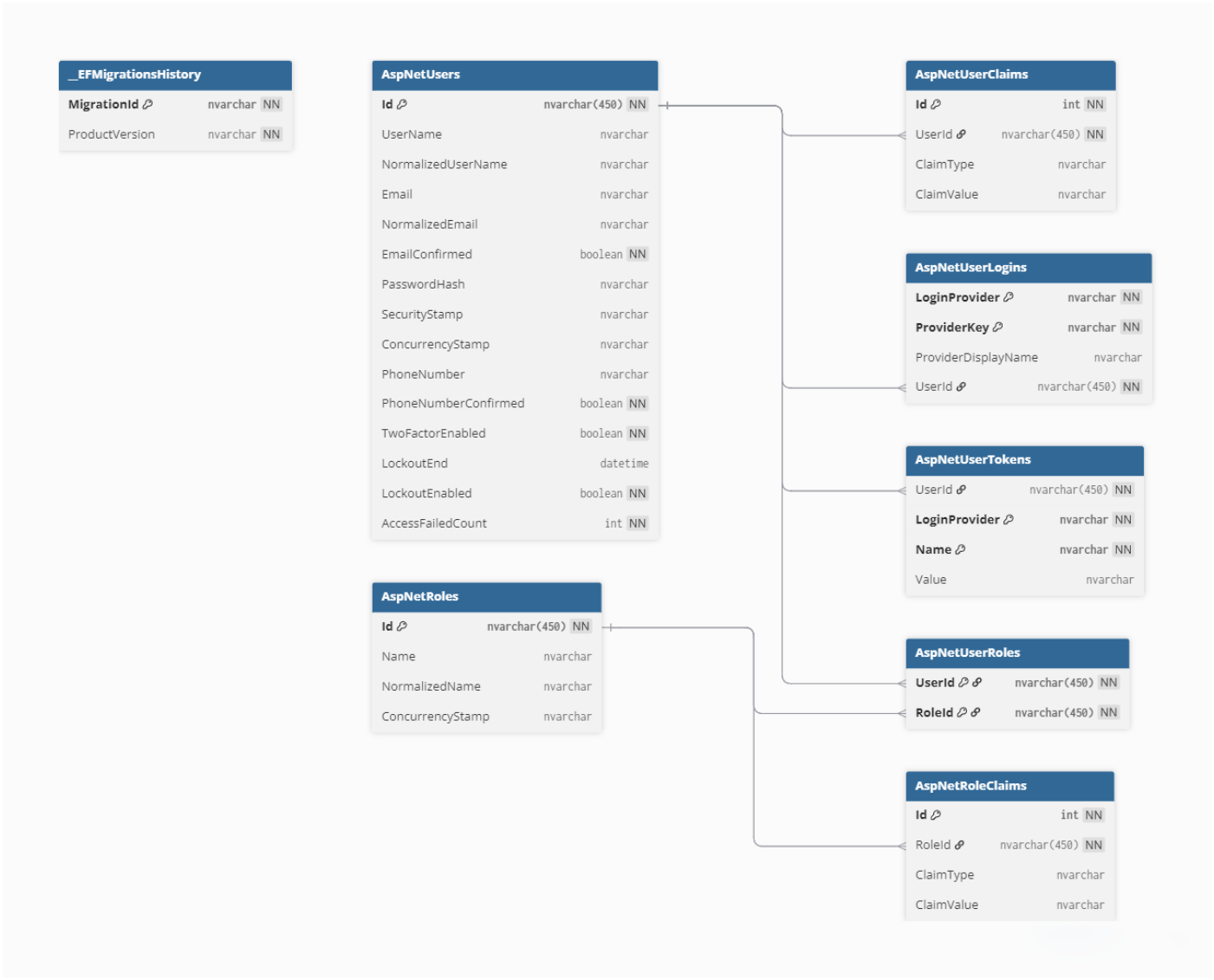
When the user is in the register page the user will be prompted to enter their email and their password twice. The system will then assess if the user clicked other options such as log in, if the user did then the system will redirect the user to the log in page. If the users did not click other options and filled in the required fields then the system will check if the user's passwords are correct and matches each other. It will also check if the email is unique and has not been registered before to the database, if there are any errors a message will pop up that tells the user what is wrong. If all of these steps are correct the system will then register the user successfully and redirect them to the log in page and add their details to the database.

Booking a Room

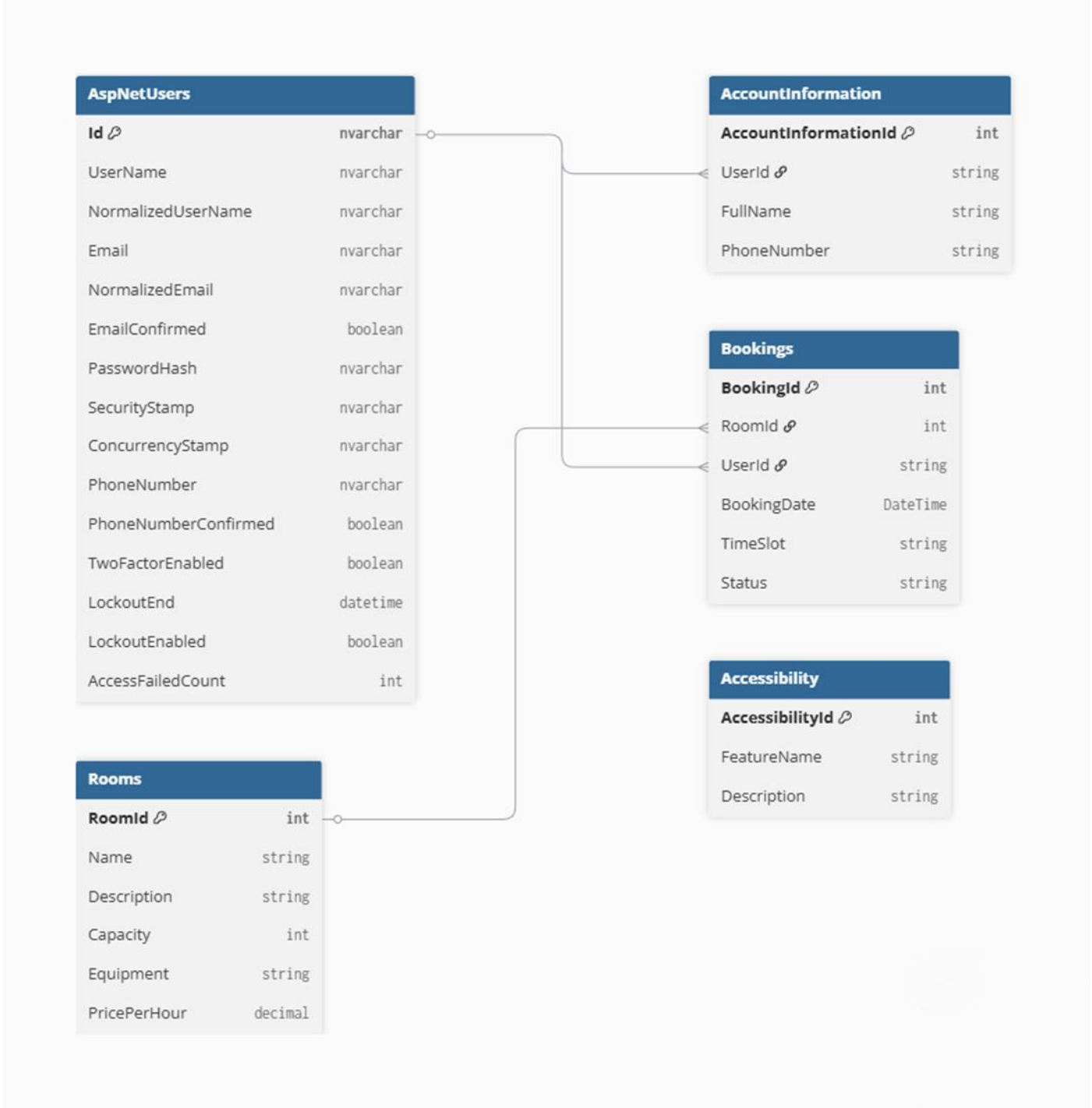


Database Design

MVC System Diagrams



CityPoint Room Hire Diagrams



Data Dictionary

MVC System Data Dictionary

AspNetUsers

Property	Datatype	Purpose	PK/FK	Size	Required?
Id	nvarchar	Primary identifier for the user	PK	450	Yes
UserName	nvarchar	User's username	-	Default	No
NormalizedUserName	nvarchar	Normalized username for lookups	-	Default	No
Email	nvarchar	User's email address	-	Default	No
NormalizedEmail	nvarchar	Normalized email for lookups	-	Default	No
EmailConfirmed	Boolean	Indicates if email is confirmed	-	Default	Yes
PasswordHash	nvarchar	Hashed password	-	Default	No
SecurityStamp	nvarchar	Security stamp for password changes	-	Default	No
ConcurrencyStamp	nvarchar	Concurrency token for optimistic concurrency	-	Default	No
PhoneNumber	nvarchar	User's phone number	-	Default	No
PhoneNumberConfirmed	boolean	Indicates if phone is confirmed	-	Default	Yes
TwoFactorEnabled	boolean	Indicates if 2FA is enabled	-	Default	Yes
LockoutEnd	datetime	DateTime when lockout ends	-	Default	No
LockoutEnabled	boolean	Indicates if lockout is enabled	-	Default	Yes
AccessFailedCount	int	Count of failed access attempts	-	Default	Yes

AspNetRoles

Property	Datatype	Purpose	PK/FK	Size	Required?
Id	nvarchar	Primary identifier for the role	PK	450	Yes
Name	nvarchar	Role name	-	Default	No
NormalizedName	nvarchar	Normalized role name for lookups	-	Default	No
ConcurrencyStamp	nvarchar	Concurrency token	-	Default	No

AspNetUserRoles

Property	Datatype	Purpose	PK/FK	Size	Required?
UserId	nvarchar	Foreign key to AspNetUsers	PK, FK (> AspNetUsers.Id)	450	Yes
RoleId	nvarchar	Foreign key to AspNetRoles	PK, FK (> AspNetUsers.Id)	450	Yes

AspNetUserClaims

Property	Datatype	Purpose	PK/FK	Size	Required?
Id	int	Primary identifier	PK (increment)	Default	Yes
UserId	nvarchar	Foreign key to AspNetUsers	FK (> AspNetUsers.Id)	450	Yes
ClaimType	nvarchar	Type of claim	-	Default	No
ClaimValue	nvarchar	Value of claim	-	Default	No

AspNetRoleClaims

Property	Datatype	Purpose	PK/FK	Size	Required?
Id	int	Primary identifier	PK (increment)	Default	Yes
RoleId	nvarchar	Foreign key to AspNetRoles	FK (> AspNetUsers.Id)	450	Yes
ClaimType	nvarchar	Type of claim	-	Default	No
ClaimValue	nvarchar	Value of claim	-	Default	No

AspNetUserLogins

Property	Datatype	Purpose	PK/FK	Size	Required?
LoginProvider	nvarchar	External login provider	PK	Default	Yes
ProviderKey	nvarchar	Key from external provider	PK	Default	Yes
ProviderDisplayName	nvarchar	Display name of provider	-	Default	No
UserId	nvarchar	Foreign key to AspNetUsers	FK (> AspNetUsers.Id)	450	Yes

AspNetUserTokens

Property	Datatype	Purpose	PK/FK	Size	Required?
UserId	nvarchar	Foreign key to AspNetUsers	FK (> AspNetUsers.Id)	450	Yes
LoginProvider	nvarchar	External login provider	PK	Default	Yes
Name	nvarchar	Token name	PK	Default	Yes
Value	nvarchar	Token value	-	Default	No

__EFMigrationsHistory

Property	Datatype	Purpose	PK/FK	Size	Required?
MigrationId	nvarchar	Identifier for applied migration	PK	Default	Yes
ProductVersion	nvarchar	EF Core version used	-	Default	Yes

CityPoint Room Hire Data Dictionary

Rooms

Propertys	Datatype	Purpose	PK/FK	Size	Required?
RoomId	integer	Primary identifier for a room	PK	Default	Yes
Name	string	Name or label of the room	-	100	Yes
Description	string	Description of the room	-	500	No
Capacity	integer	Maximum number of people allowed	-	Default	Yes
Equipment	string	Equipment available in the room	-	250	No
PricePerHour	decimal	Cost to book the room per hour	-	Default	Yes

Bookings

Property	Datatype	Purpose	PK/FK	Size	Required?
BookingsId	Integer	Unique identifier for a booking	PK	Default	Yes
RoomId	Integer	Room being booked	FK	Default	Yes
UserId	string	User who made the booking	FK	450	Yes
BookingDate	DateTime	Date of the booking	-	Default	Yes
TimeSlot	string	Time range of the booking	-	50	Yes
Status	string	Booking status (Pending, Approved, Cancelled)	-	50	Yes

AccountInformation

Property	Datatype	Purpose	PK/FK	Size	Required?
AccountInformationId	Integer	Unique identifier for account info	PK	Default	Yes
UserId	string	Linked user account	FK	450	Yes
FullName	string	User’s full name	-	150	Yes
PhoneNumber	string	User’s contact phone number	-	50	Yes

Accessibility

Property	Datatype	Purpose	PK/FK	Size	Required?
AccessibilityId	Integer	Unique identifier for accessibility feature	PK	Default	Yes
FeatureName	string	Name of accessibility feature	FK	100	Yes
Description	string	Description of the accessibility feature	FK	250	No