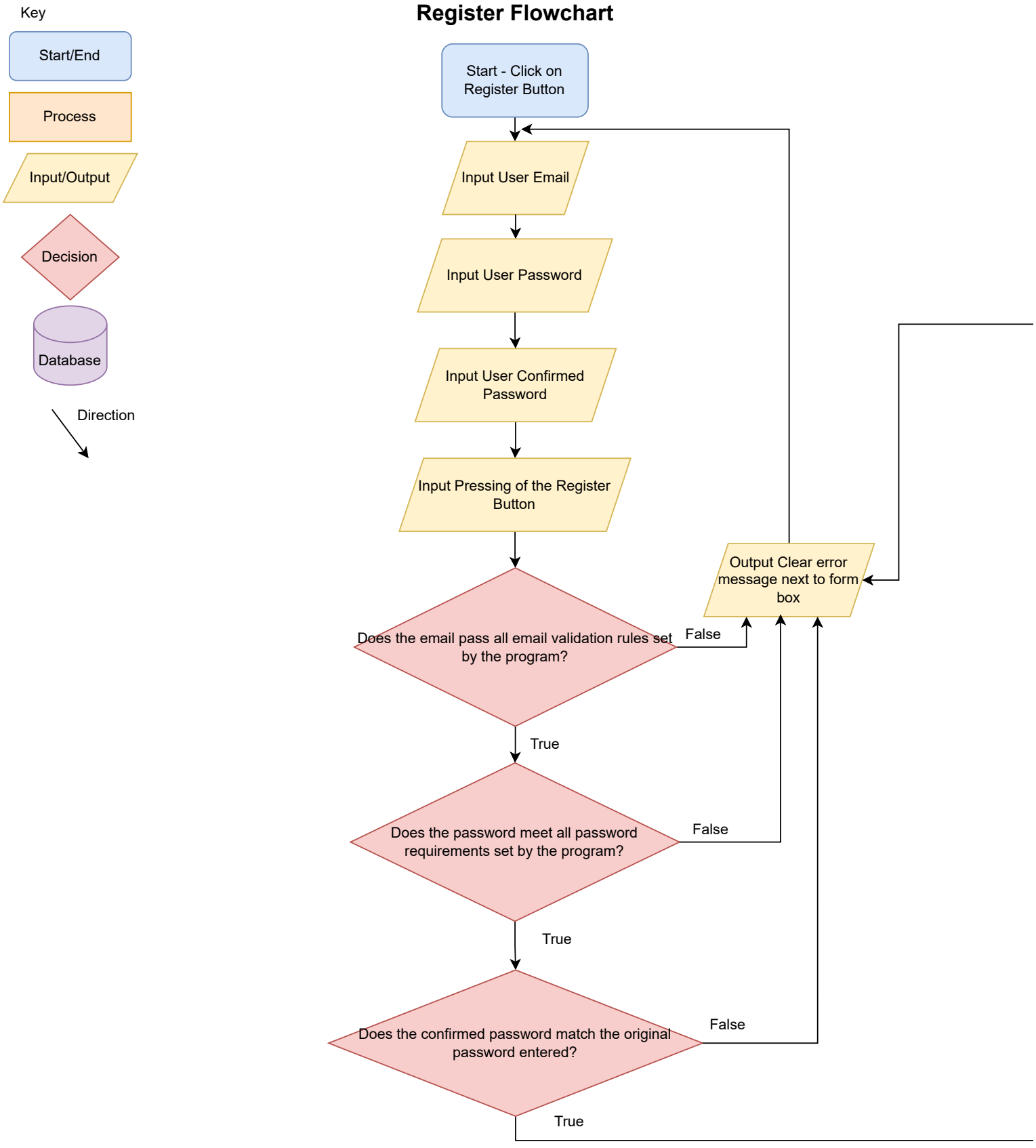
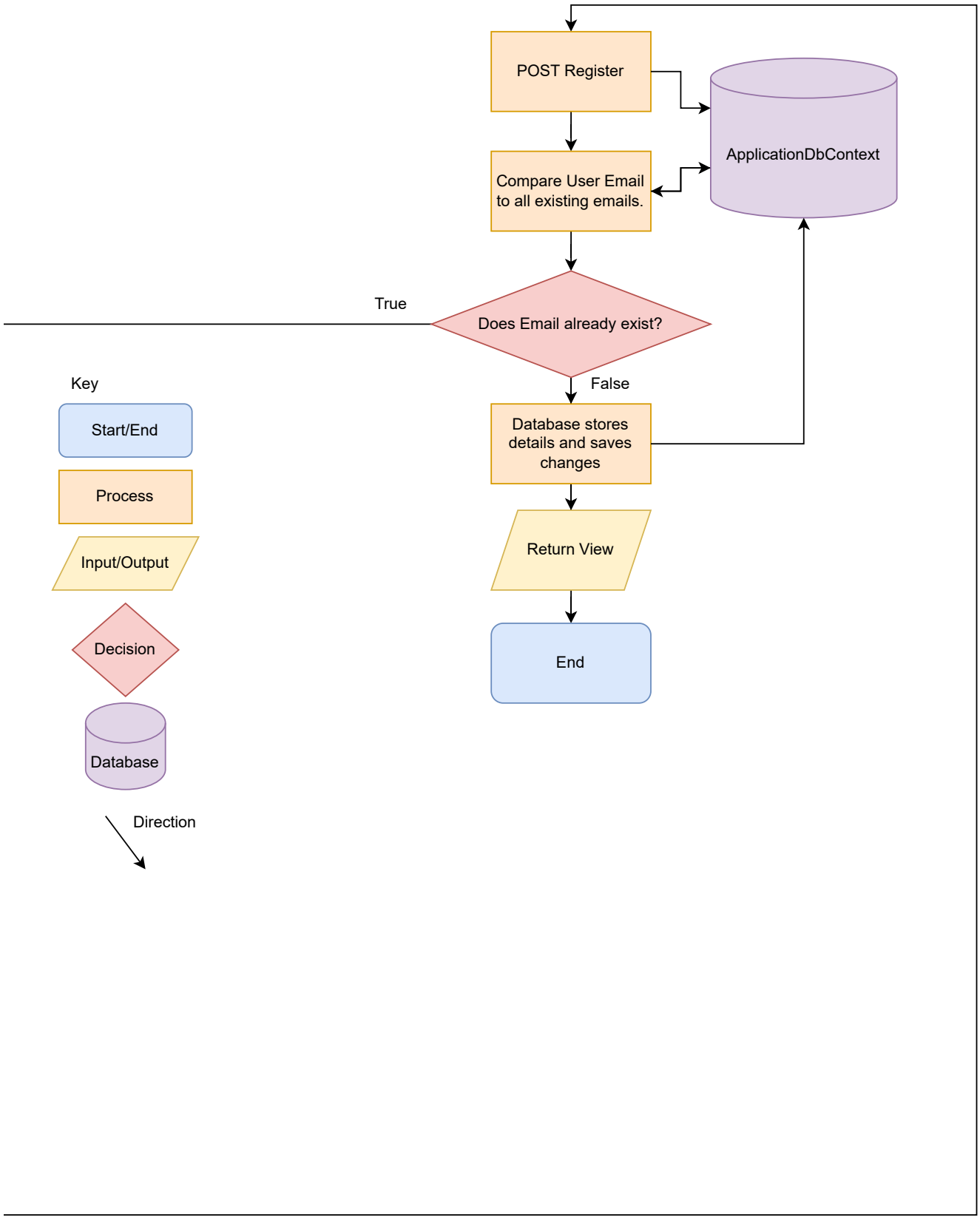
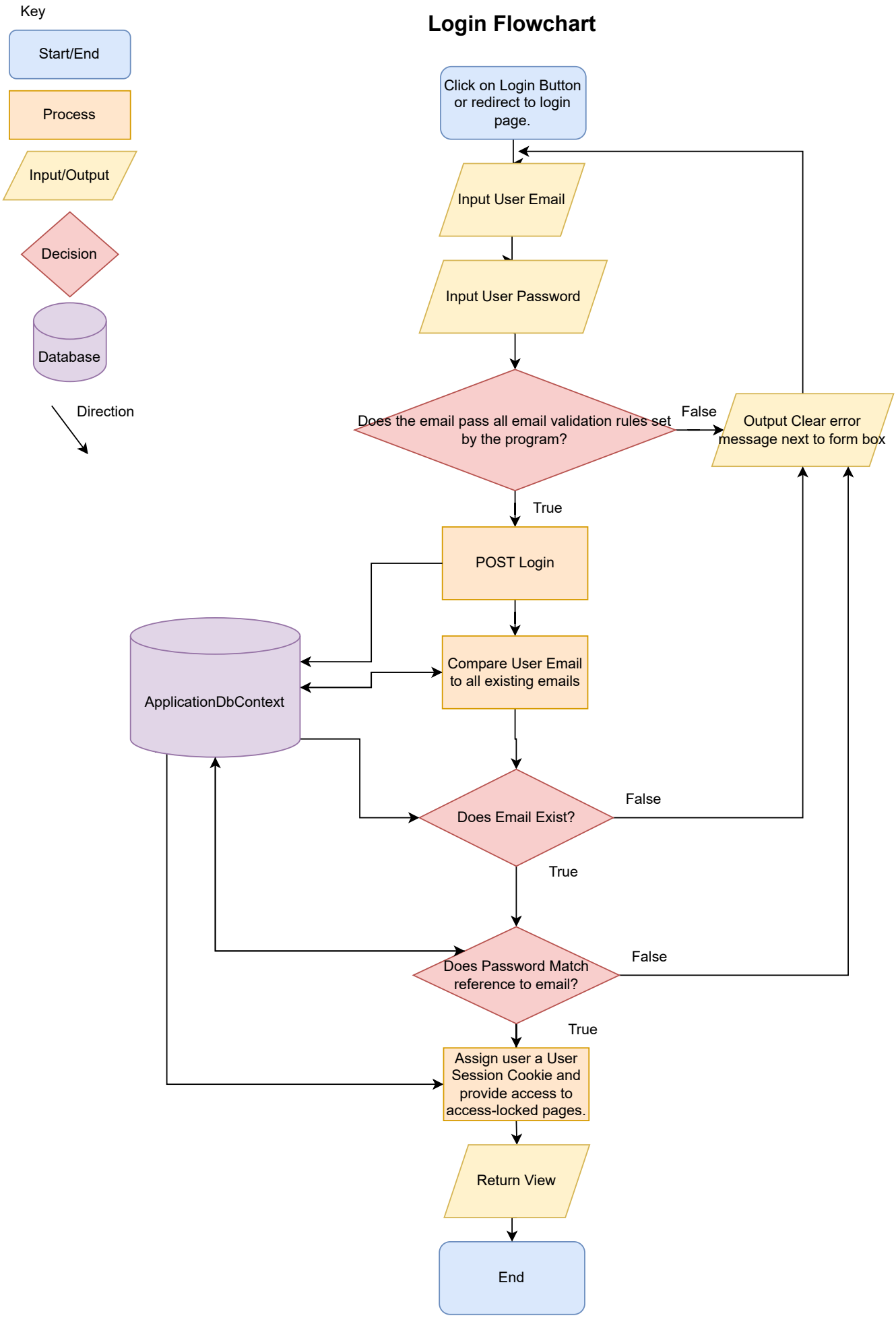
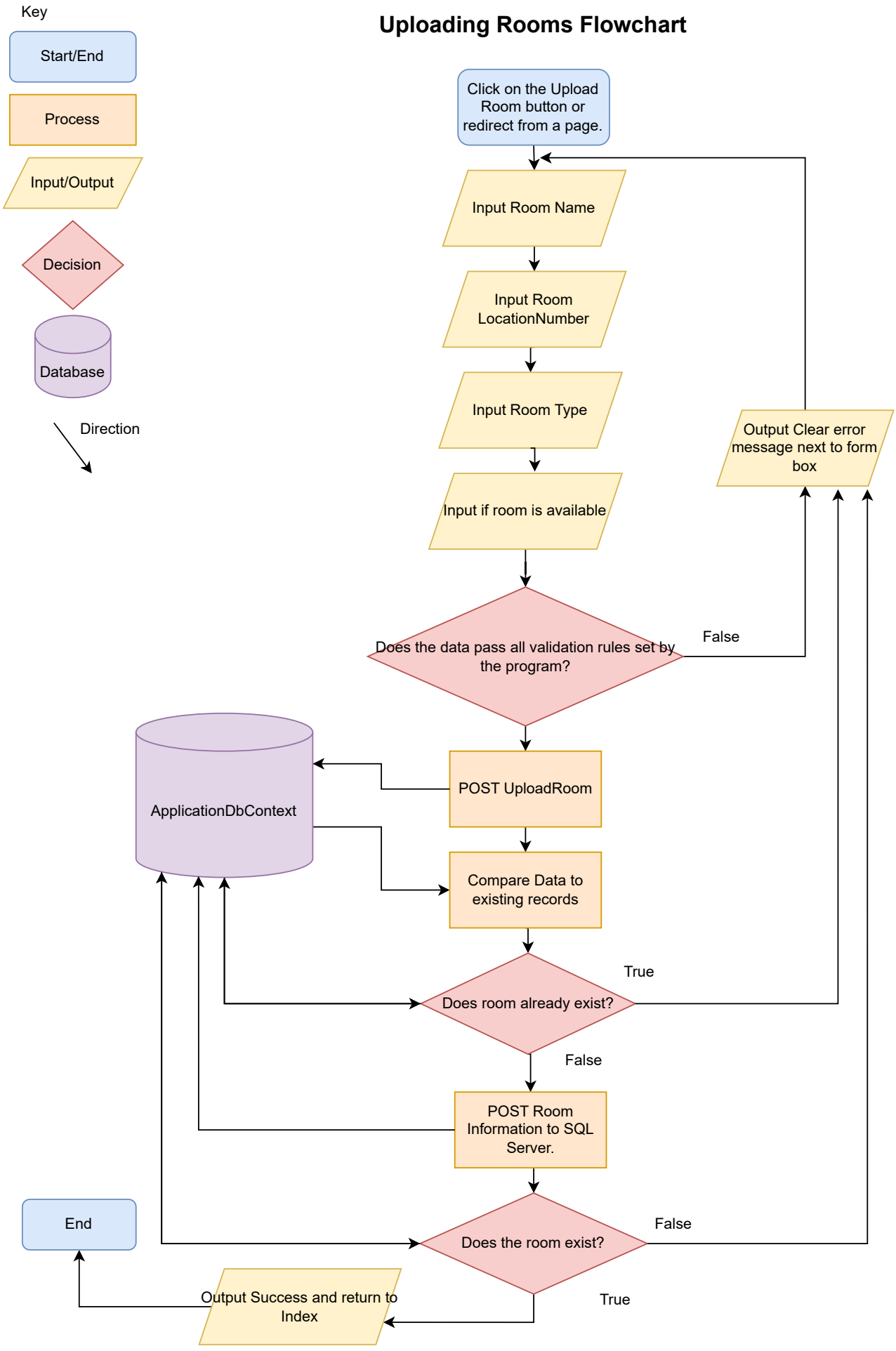
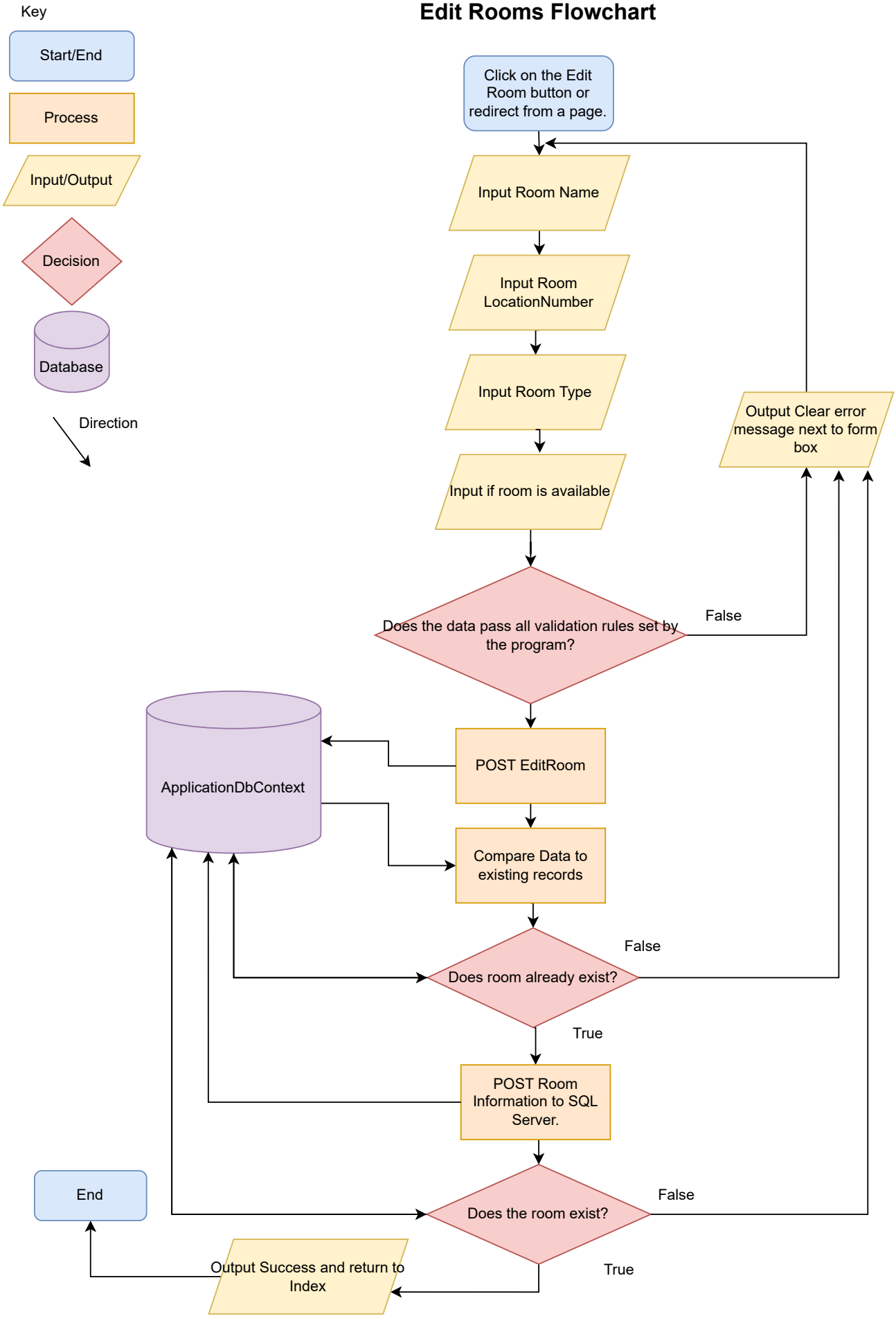

Key
Start/End
Process
Input/Output
Decision
Database
Direction
Register Flowchart
Start - Click on Register Button
Input User Email
Input User Password
Input User Confirmed Password
Input Pressing of the Register Button
Does the email pass all email validation rules set by the program?
False
Output Clear error message next to form box
True
Does the password meet all password requirements set by the program?
False
True
Does the confirmed password match the original password entered?
False
True

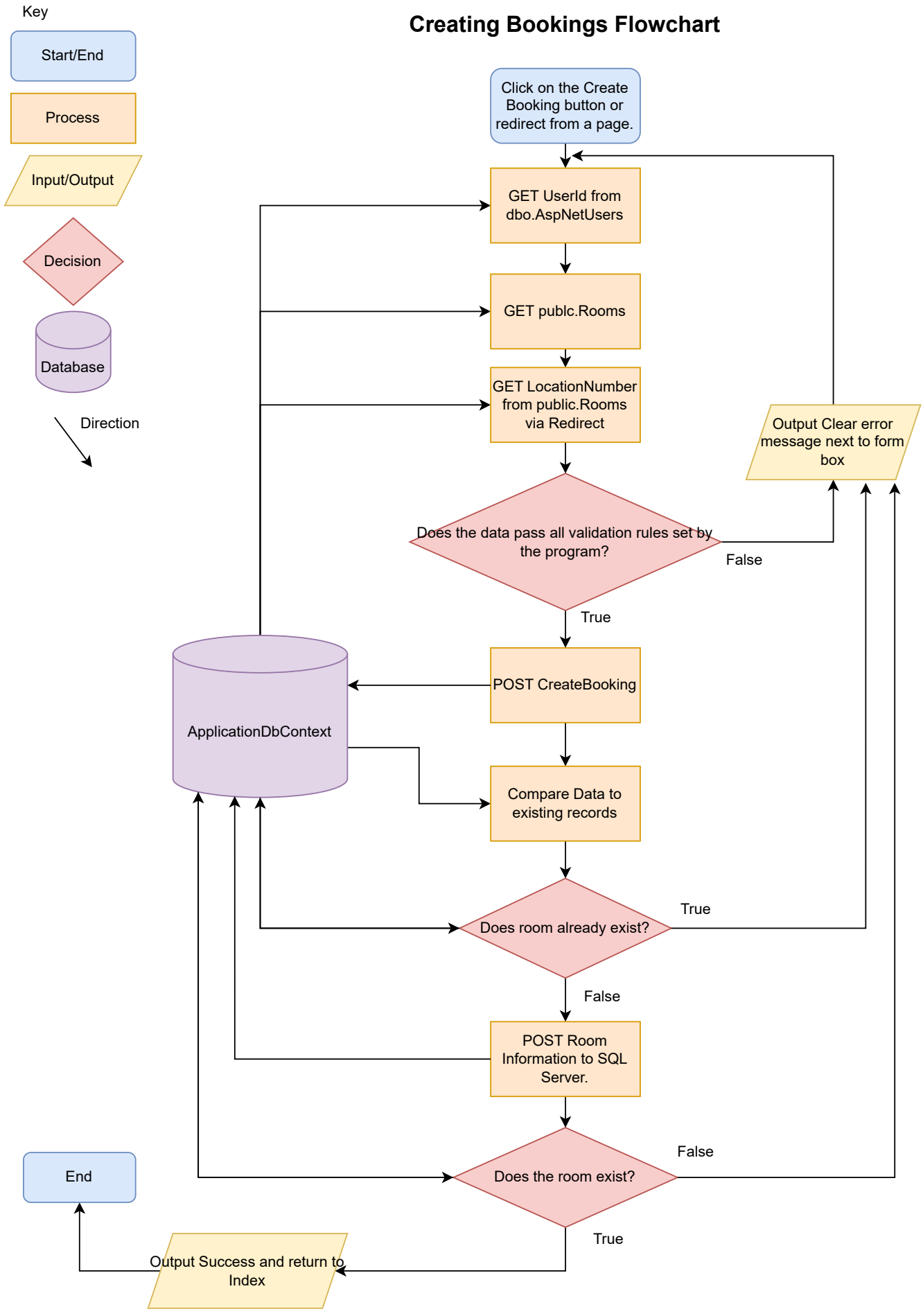

POST Register
ApplicationDbContext
Compare User Email to all existing emails.
Does Email already exist?
True
False
Database stores details and saves changes
Return View
End
Key
Start/End
Process
Input/Output
Decision
Database
Direction


Key
Start/End
Process
Input/Output
Decision
Database
Direction
Login Flowchart
Click on Login Button or redirect to login page.
Input User Email
Input User Password
Does the email pass all email validation rules set by the program?
False
Output Clear error message next to form box
True
POST Login
ApplicationDbContext
Compare User Email to all existing emails
Does Email Exist?
False
True
Does Password Match reference to email?
False
True
Assign user a User Session Cookie and provide access to access-locked pages.
Return View
End


Key
Start/End
Process
Input/Output
Decision
Database
Direction
Uploading Rooms Flowchart
Click on the Upload Room button or redirect from a page.
Input Room Name
Input Room LocationNumber
Input Room Type
Input if room is available
Does the data pass all validation rules set by the program?
False
Output Clear error message next to form box
ApplicationDbContext
POST UploadRoom
Compare Data to existing records
Does room already exist?
True
False
POST Room Information to SQL Server.
Does the room exist?
False
True
Output Success and return to Index
End

Edit Rooms Flowchart




Key
Start/End
Process
Input/Output
Decision
Database
Direction
Creating Bookings Flowchart
Click on the Create Booking button or redirect from a page.
GET UserId from dbo.AspNetUsers
GET publc.Rooms
GET LocationNumber from public.Rooms via Redirect
Does the data pass all validation rules set by the program?
False
Output Clear error message next to form box
True
POST CreateBooking
ApplicationDbContext
Compare Data to existing records
Does room already exist?
True
False
POST Room Information to SQL Server.
Does the room exist?
False
True
Output Success and return to Index
End