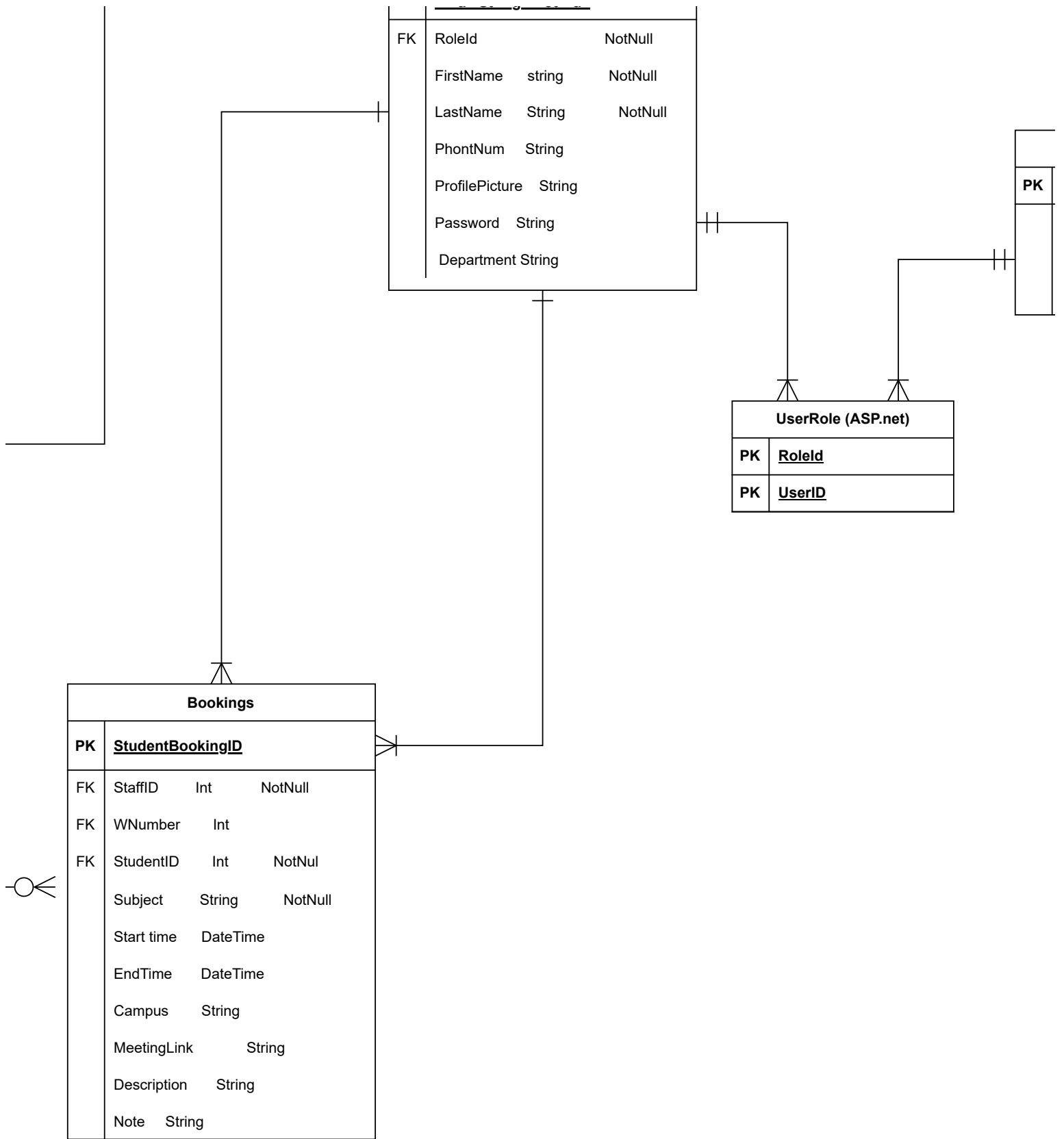


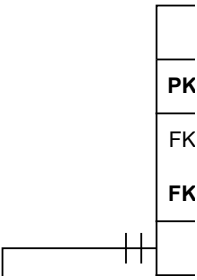
Availability	
PK	<u>TeacherAvailabilityID int not NULL</u>
FK	StaffID Int
FK	LocaitonID Int
	DayOfWeek Int
	StartTime DateTime
	EndTime DateTime
	Recurring bool
	RecuringType int
	RecurringEndDate DateTime

Location	
PK	<u>LocationID int</u>
	LocationName String
	CampusName String
	StreetAddress String
	BuildingName String
	Room Number



Role (ASP.net)
<u>RoleId</u>
RoleName

AvailabilityGroup



Department	
PK	<u>DepartmentID</u>
	name String



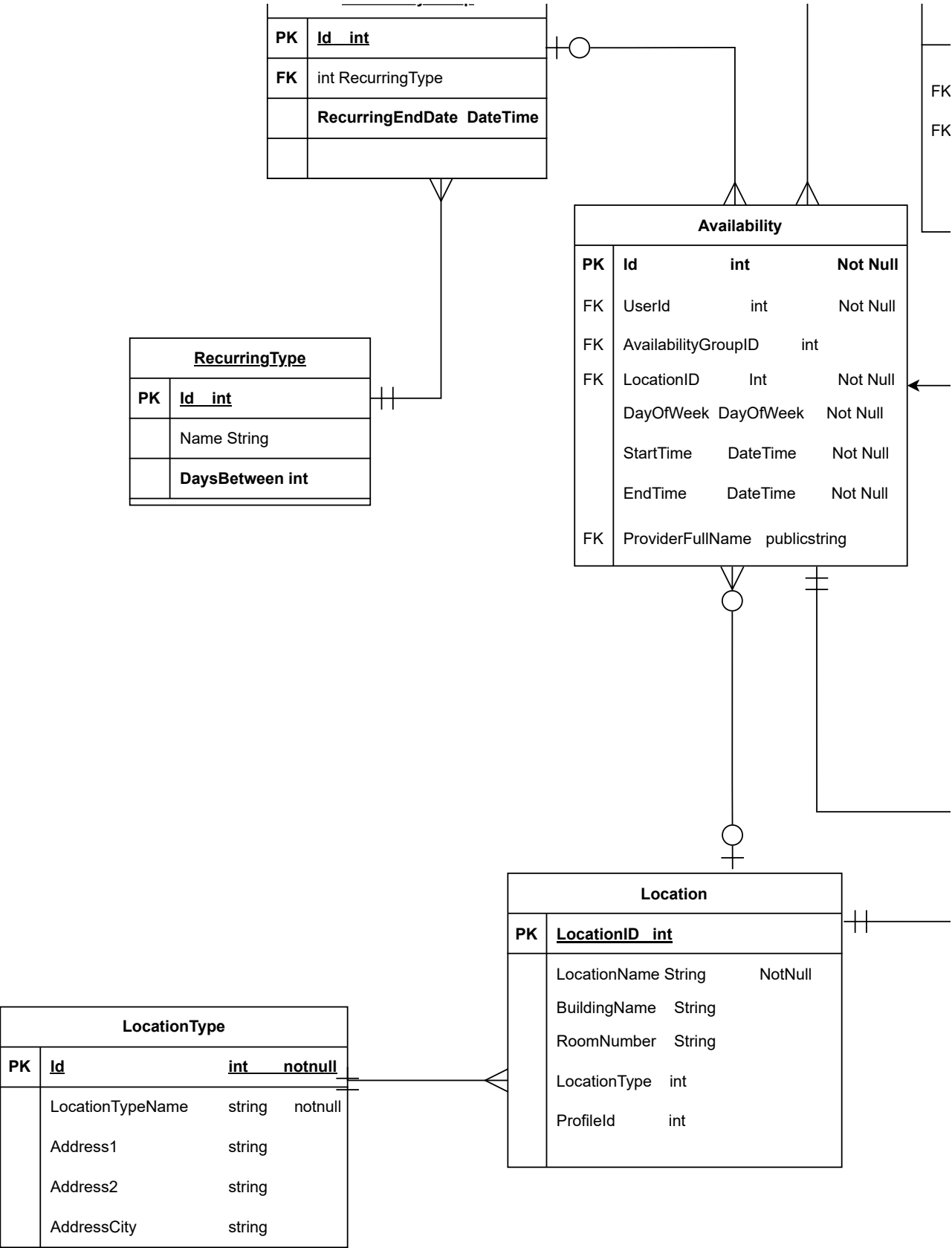
ProviderProfile	
	<u>ProviderProfileId</u>
	DepartmentID
	<u>UserID</u>
	RemoteLink string

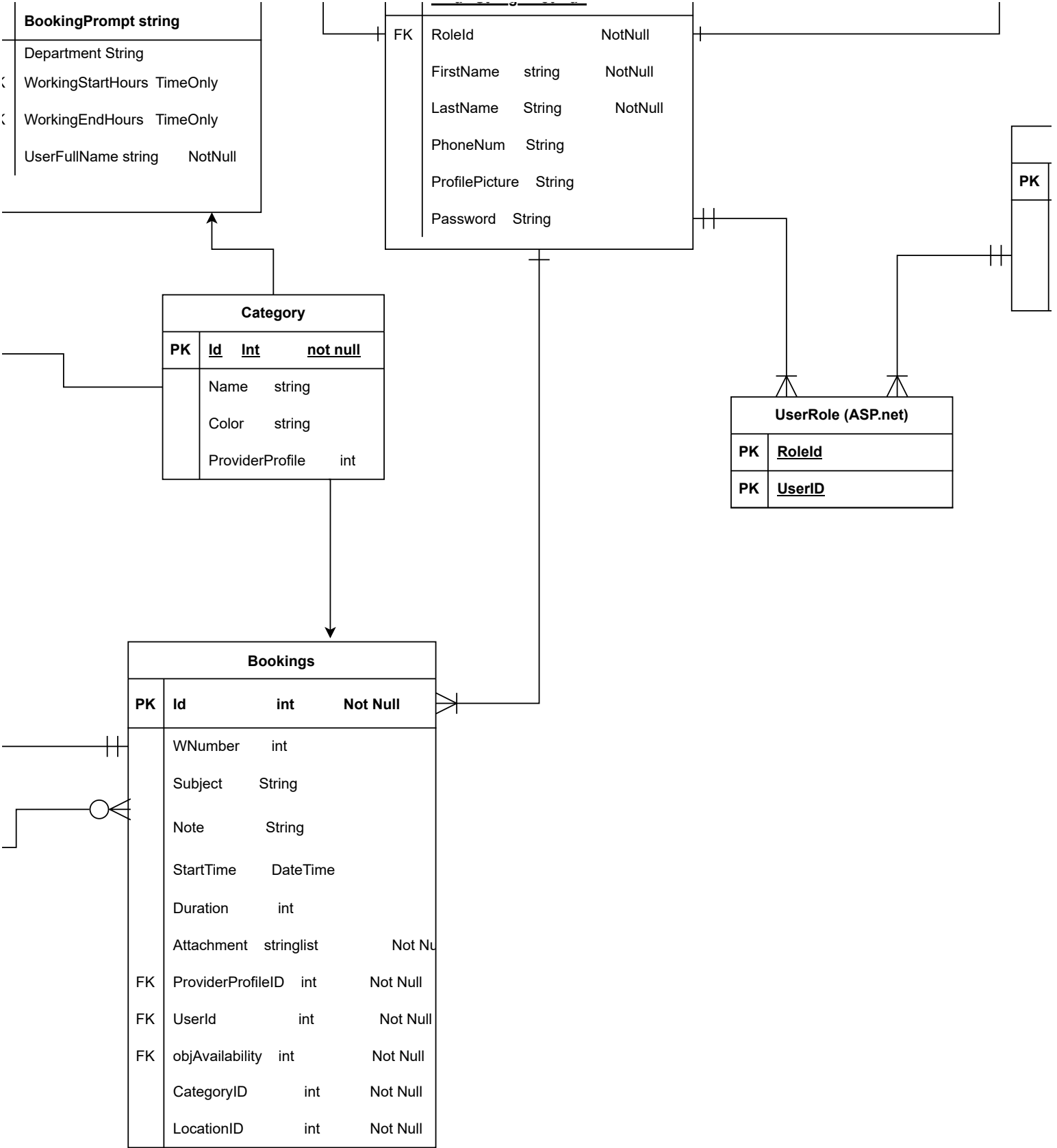


Users (ASP.net)	
PK	<u>UserId</u>
PK	Email String Not Null

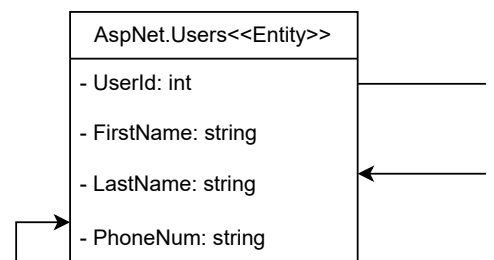
CustomerProfile	
PK	<u>Id</u>
FK	<u>UserID</u>
	WNumber Int

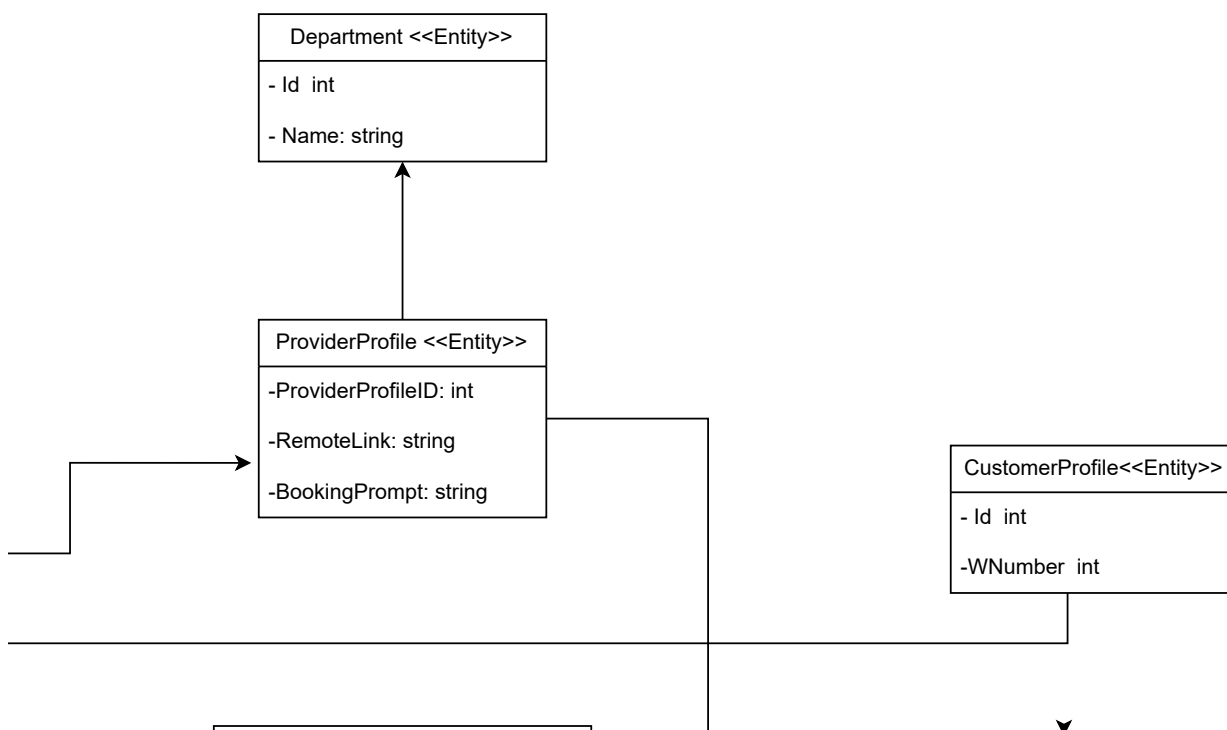






Role (ASP.net)
<u>RoleId</u>
RoleName





T Get(Expression<Func<T, bool>> predicate, bool trackChanges)
Task<T> GetAsync(Expression<Func<T, bool>> predicate, bool trackChanges)
IEnumerable<T> GetAll(Expression<Func<T, bool>> predicate)
<Task> GetAllAsync(Expression<Func<T, bool>> predicate, bool trackChanges)
void Add(T entity)
void Delete(T entity)
void Delete(IEnumerable entities)
void Update(T entity)

UnitOfWork
private readonly ApplicationDbContext db;
public IGenericRepository<Book> BookRepository { get; }
public IGenericRepository<Location> LocationRepository { get; }
public IGenericRepository<Application> ApplicationRepository { get; }
public IGenericRepository<Availability> AvailabilityRepository { get; }
+ item: attribute

GenericRepository <<Controller>>

ckChanges = false, string? includes = null)

icate, bool trackChanges = false, string? includes = null)

' predicate = null, Expression<Func<T, int>>? orderBy = null, string? includes = null)

on>? orderBy = null, string? includes = null)

- Password: string

- ProfilePicture: string

- Email: string

Available

- Id int

- DaysOfWeek int

- StartTime DateTime

- EndTime DateTime

k<<Controller>>

ontext _dbContext;

ing> _Booking;

ion> _Location;

cationUser> _ApplicationUser;

ability> _Availability;

Webpage <<Border>>

OnGet()

OnPost()

HomeWebpage <<Border>>

OnGet()

OnPost()

CheckUserRole()

LoginWebpage <<Border>>

OnGet()

OnPost()

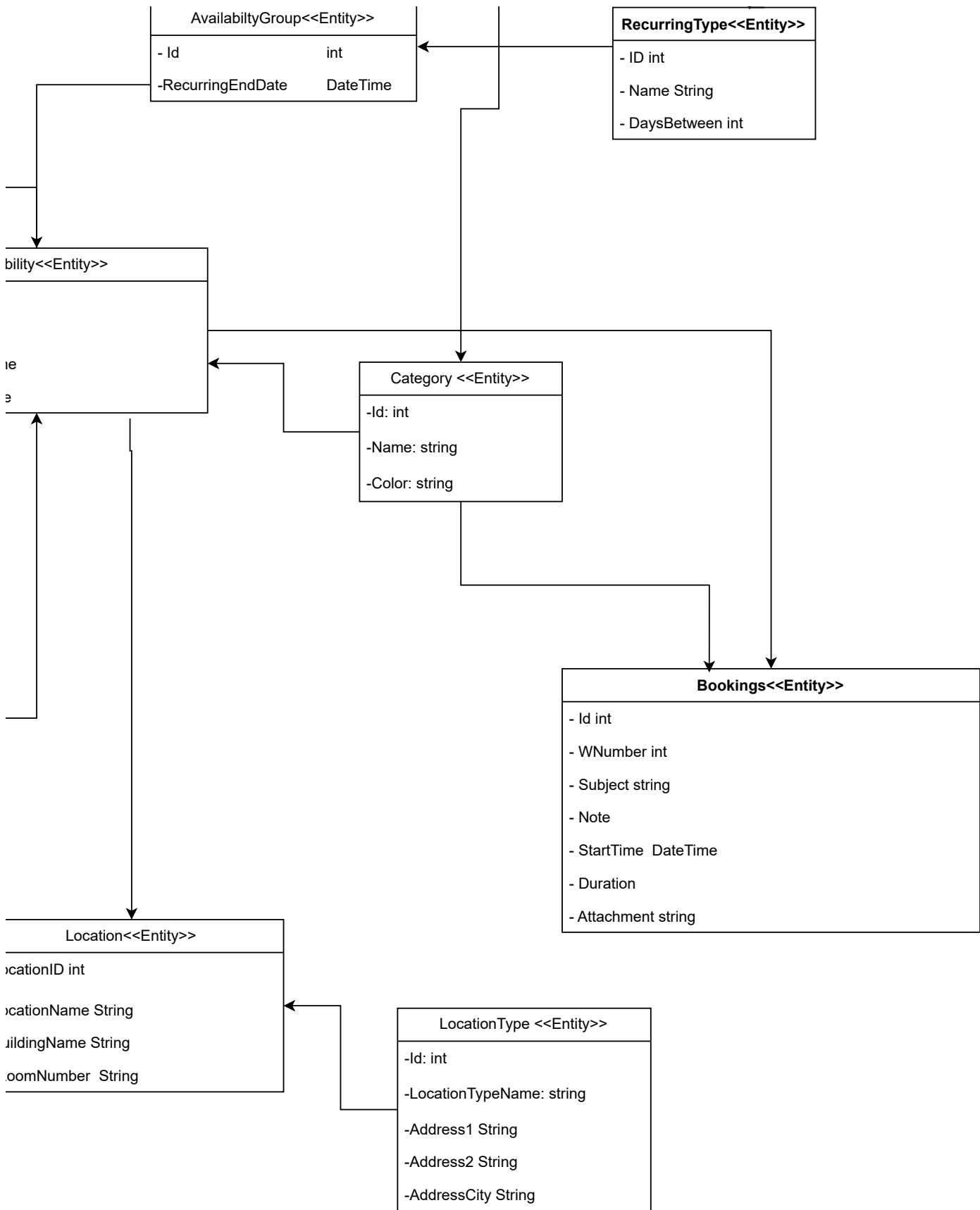
ValidateUser() (IdentityFramework)

-Lo

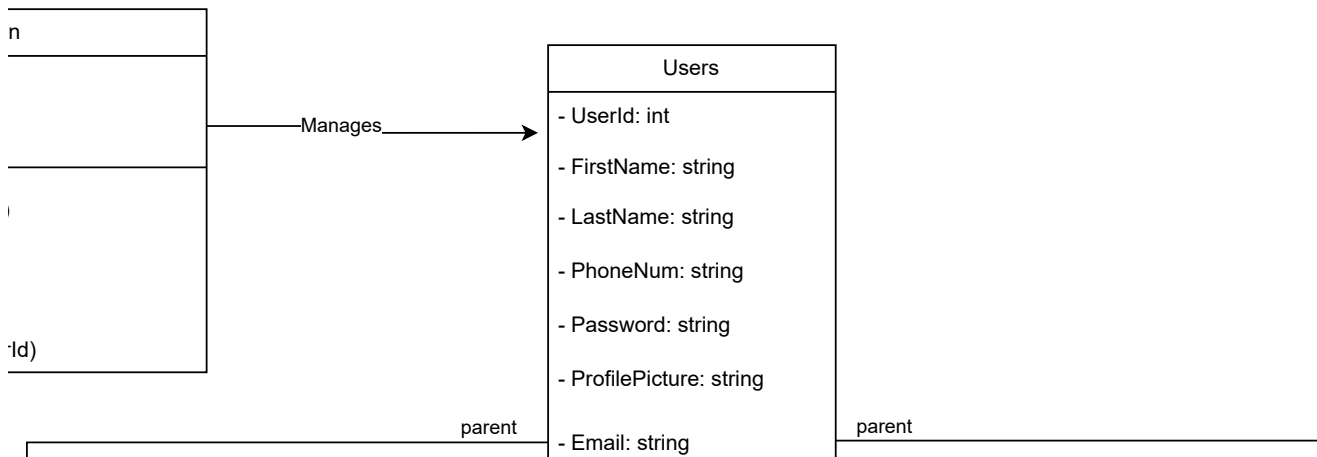
-Lo

-Bu

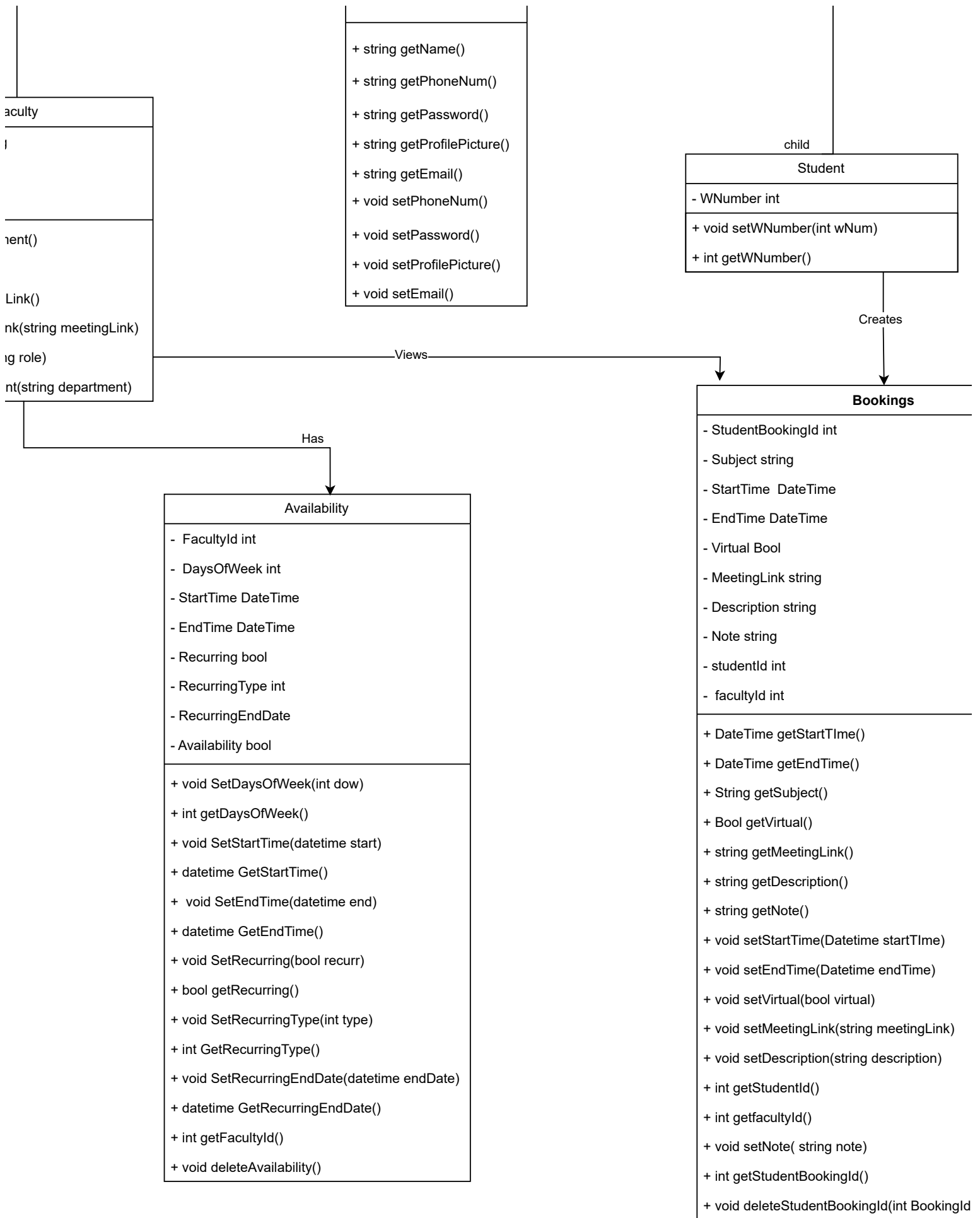
- R



Admin
- Username: string - Password: string
+ string getUsername() + string getPassword() + void createFaculty() + void editUser(int User

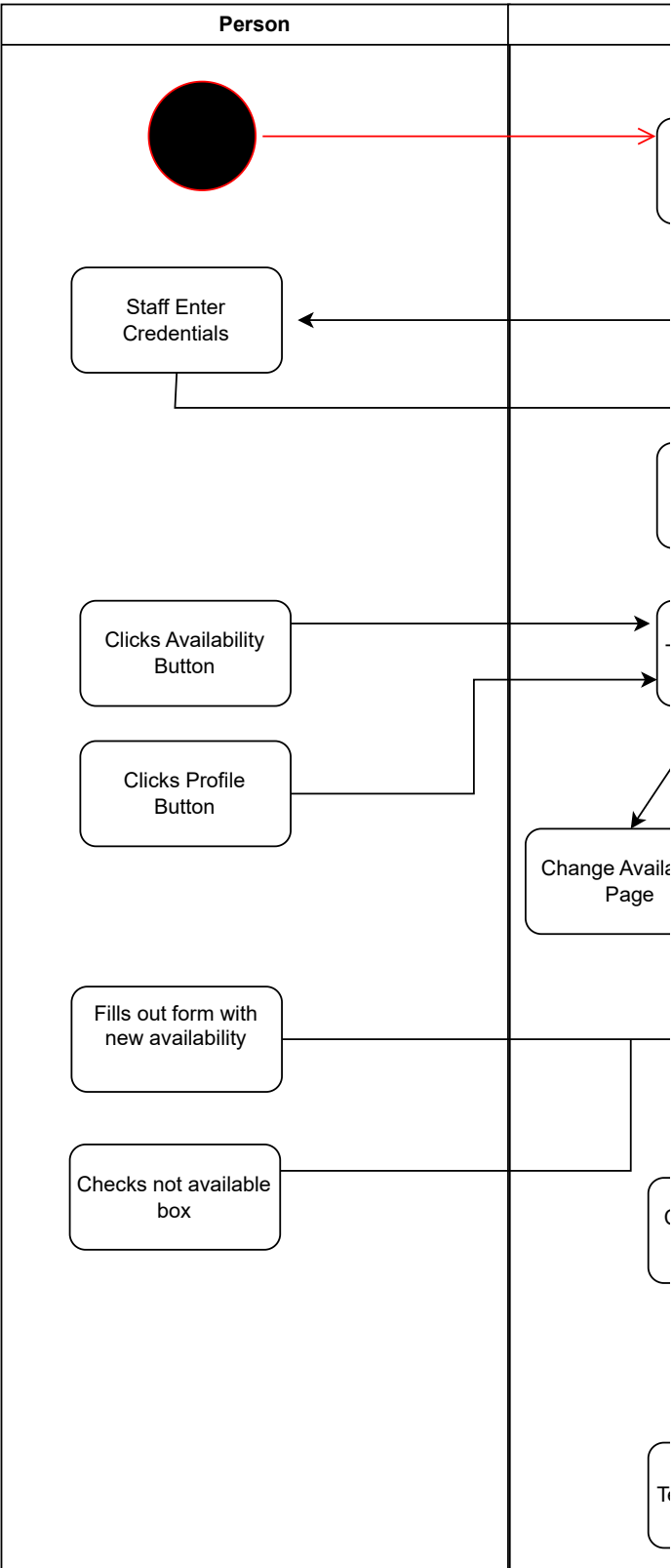


child
F2
- Department string
- Role string
- MeetingLink string
+ String getDepartm
+ String getRole()
+ String getMeetingl
+ void setMeetingLir
+ void setRole(strin
+ void setDepartmei

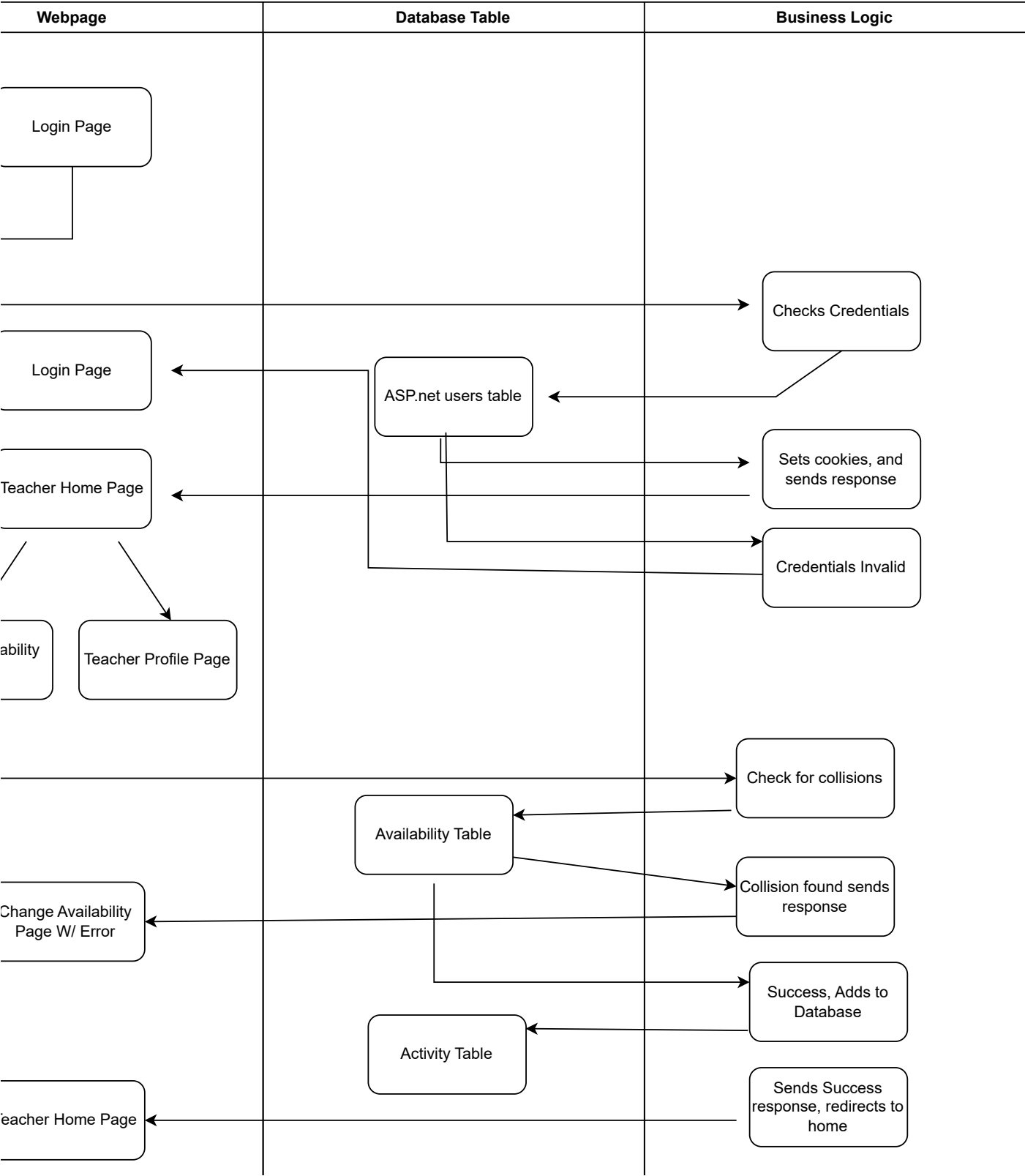


)

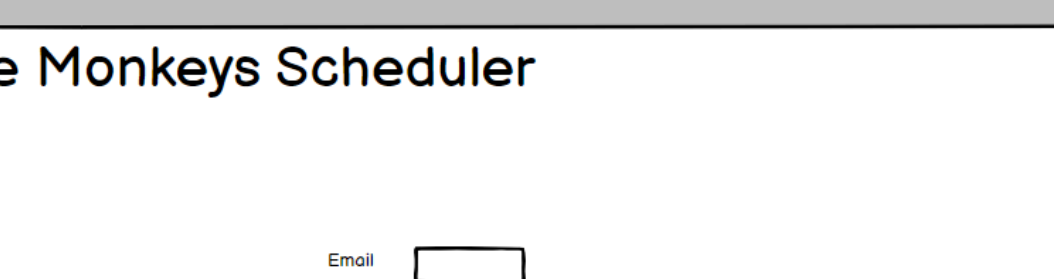
As staff, I
times on t
book app



I need to set my available and non-available
the scheduler enabling me to dynamically
ointments around my schedule



Log In



The screenshot shows a web browser window with the title "A Web Page". The address bar contains the URL "https://CodeMonkey/". The page content features a large heading "Code Monkeys Scheduler". Below the heading, there is a form with two input fields: "Email" and "Password". Under the "Password" field, there are two buttons: "Login" and "Sign Up". At the bottom of the form, there is a link labeled "Forgot Password".

A Web Page

https://CodeMonkey/

Code Monkeys Scheduler

Email

Password

[Forgot Password](#)

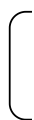
Availability

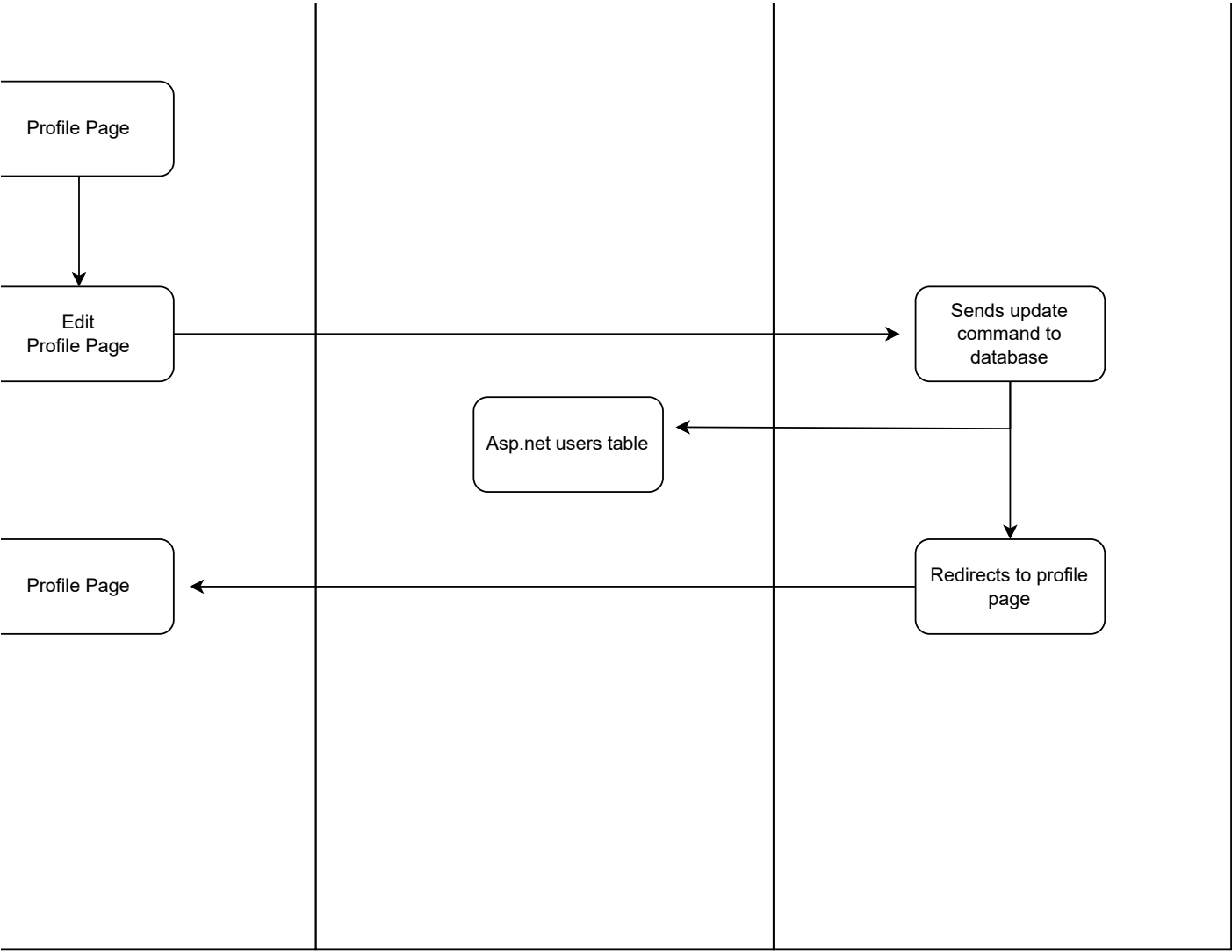
[illegible]

Clicks on Edit button



Clicks save after
filling out fields





Profile

Home

Profile

Availability

Profile

Name:

Some text

Phone Number:

Some text

Email:

Some text

Department:

Some text

Role:

Some text

Zoom Link:

Some text

Edit

Edit Profile

Home

Profile

Availability

Edit Profile

Name:

Phone Number:

Email:

Some text

Department:

Role:

Zoom Link:

Choose File

Save

Availability

←

→

✕

🏠

A Web Page

https://CodeMonkeys/Home

🔍

Home

Profile

Availability

Change Availability

Choose a date or a date range to change your availability

Start Date

/

/

📅

End Date (can be same)

/

/

📅

Start Time

End Time

Available,

Not Available

Campus (if in person):

☐ Remote

☐ Remote Not Available

Save

Day

Week

Available

Unavailable

Delete

🔍

Today

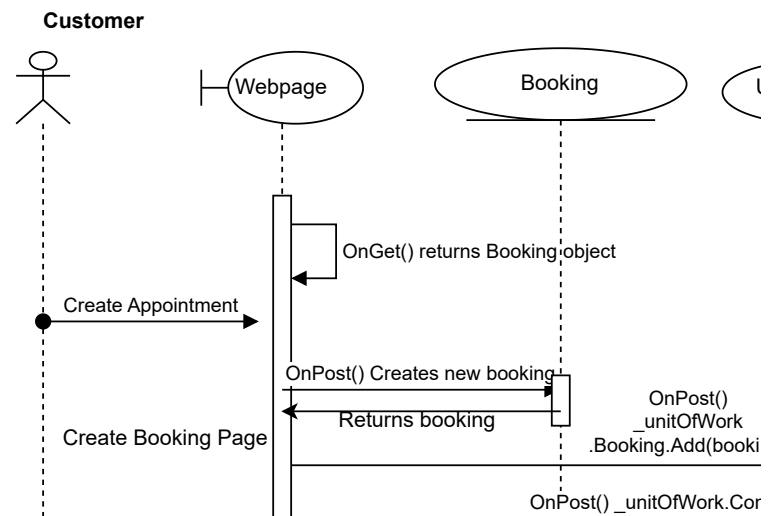
Week 13

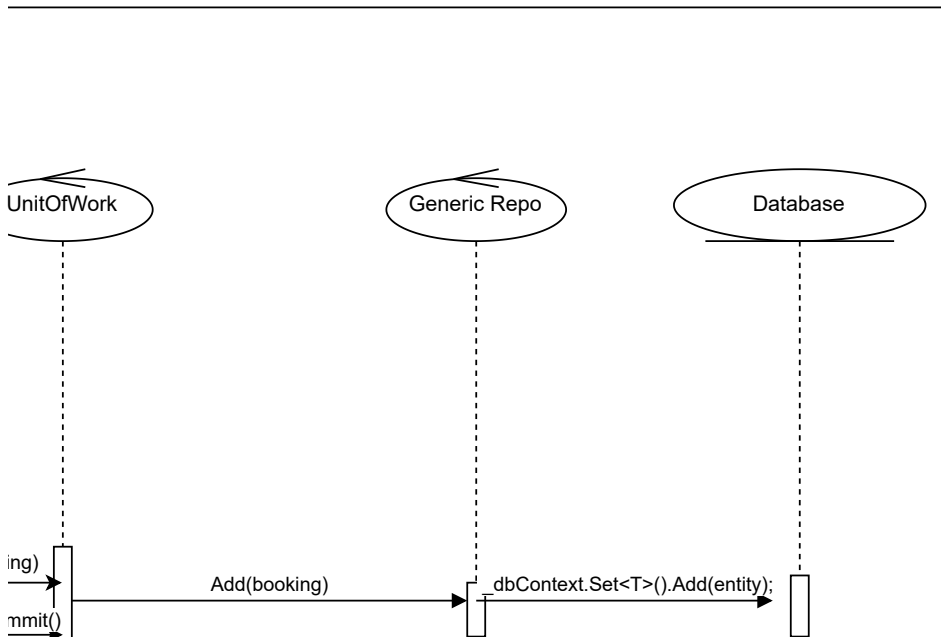
📅

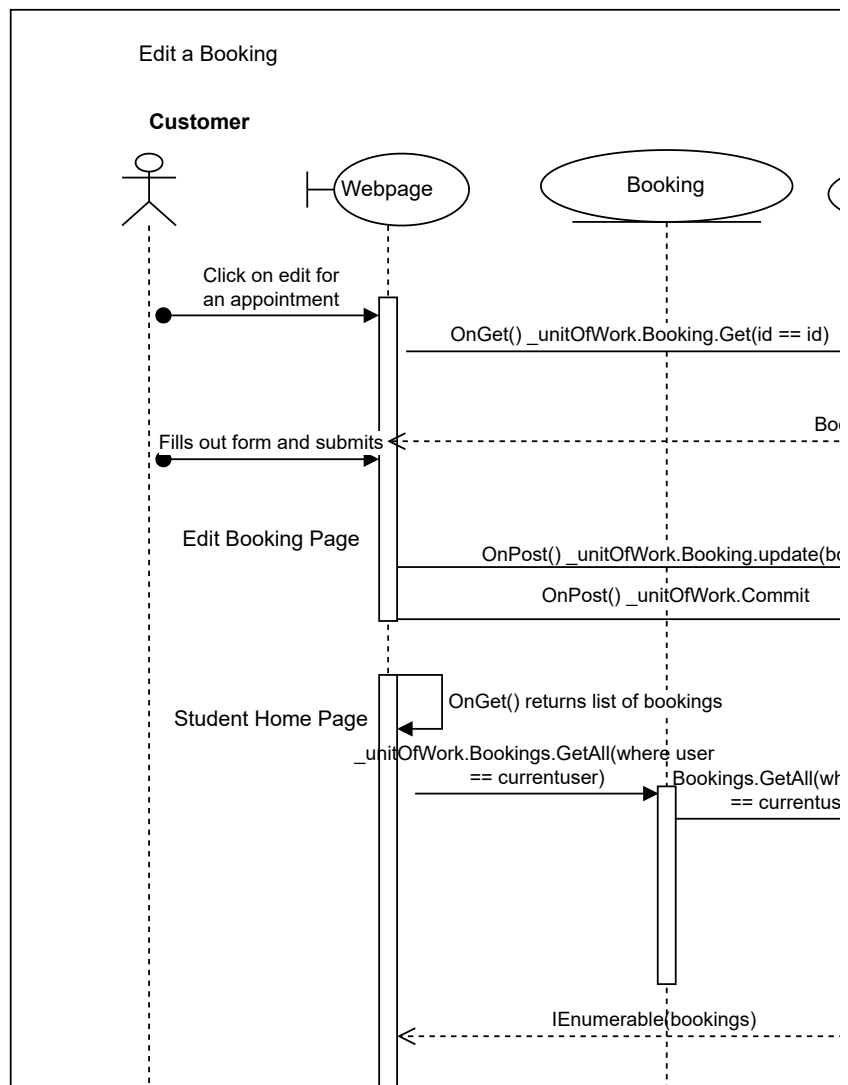
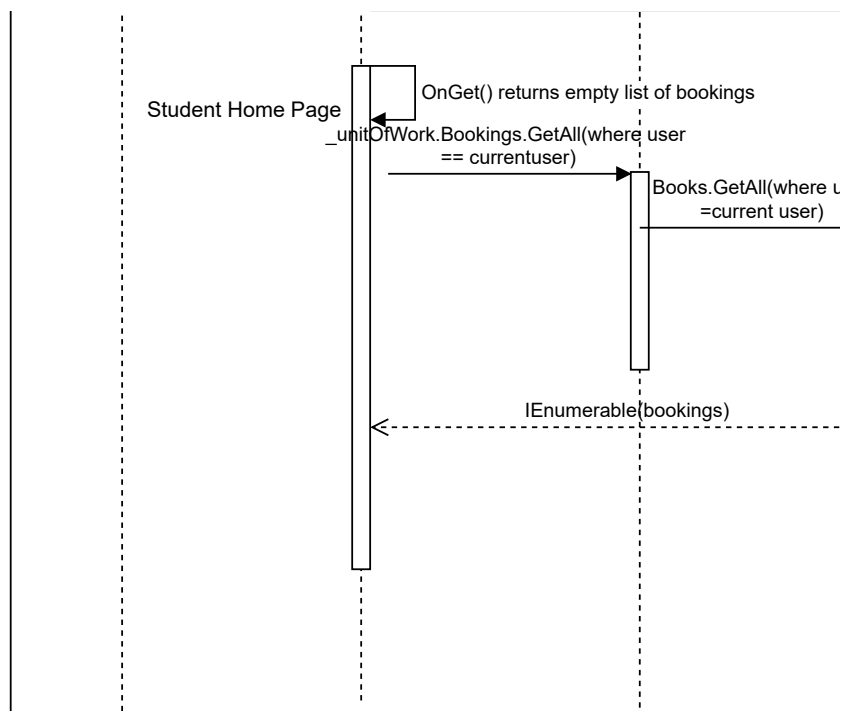
🔍

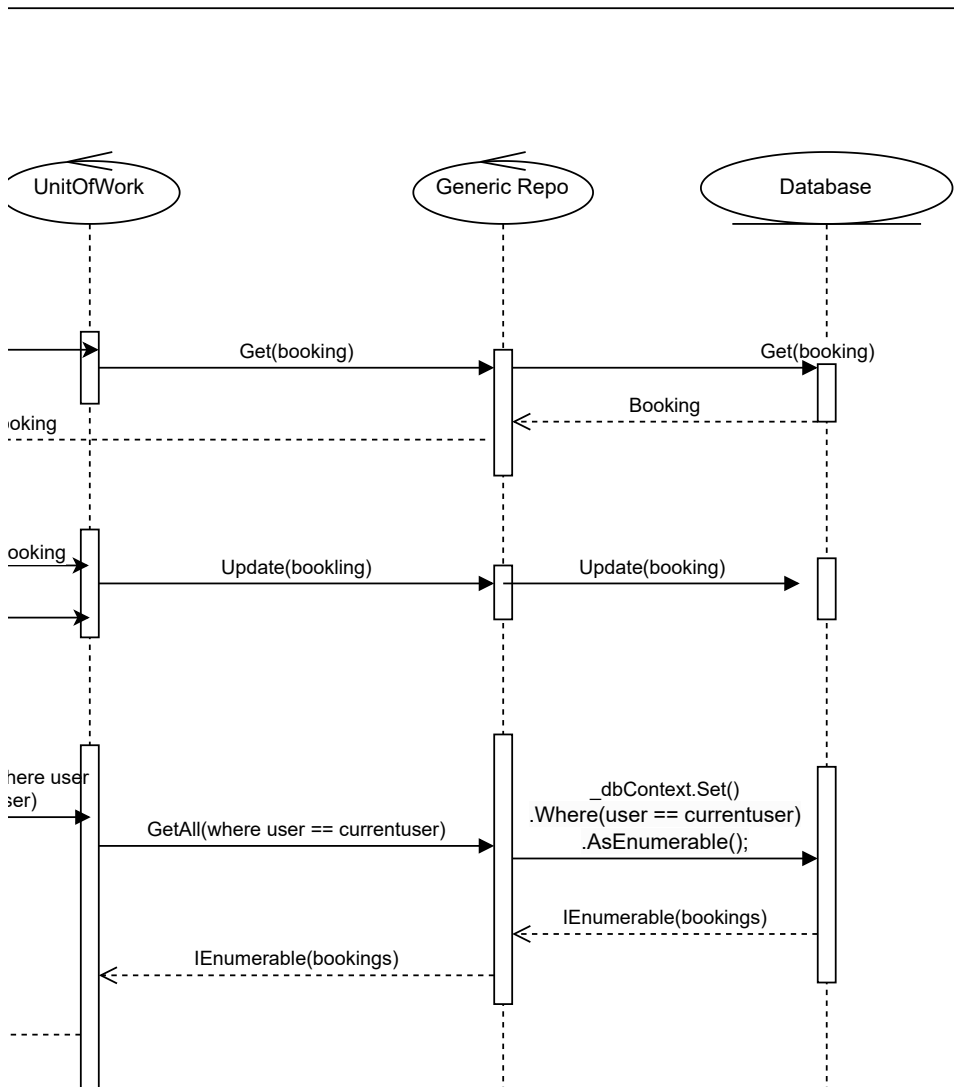
Save

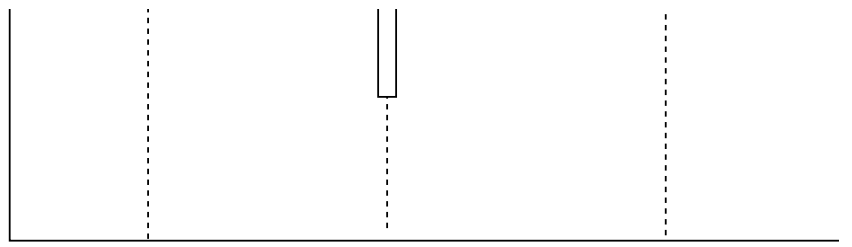
Creating a booking

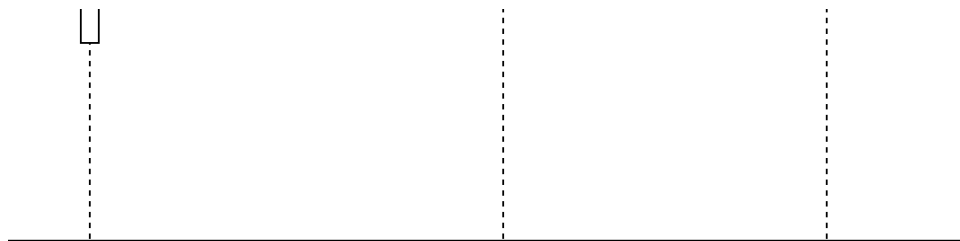


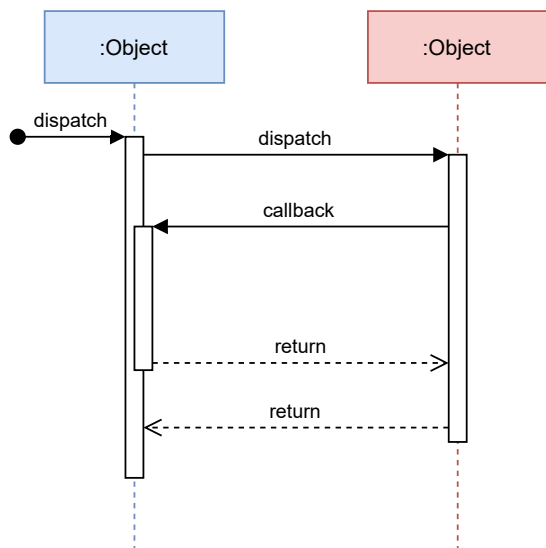


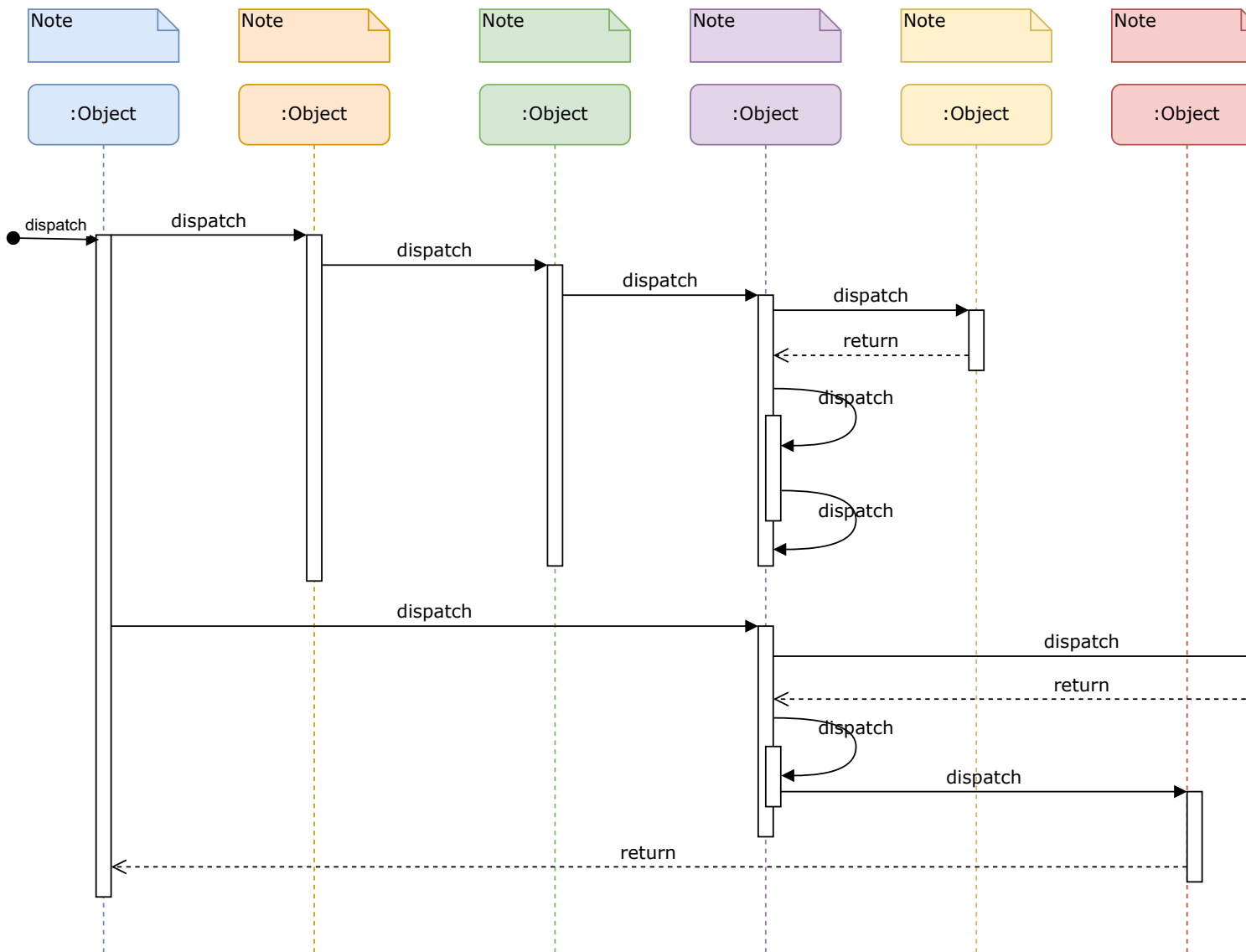










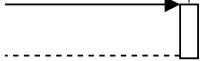


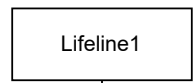
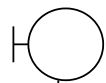
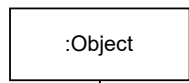


Note



:Object





Boundary

Entity

Control

Lifeline1



sd Example

