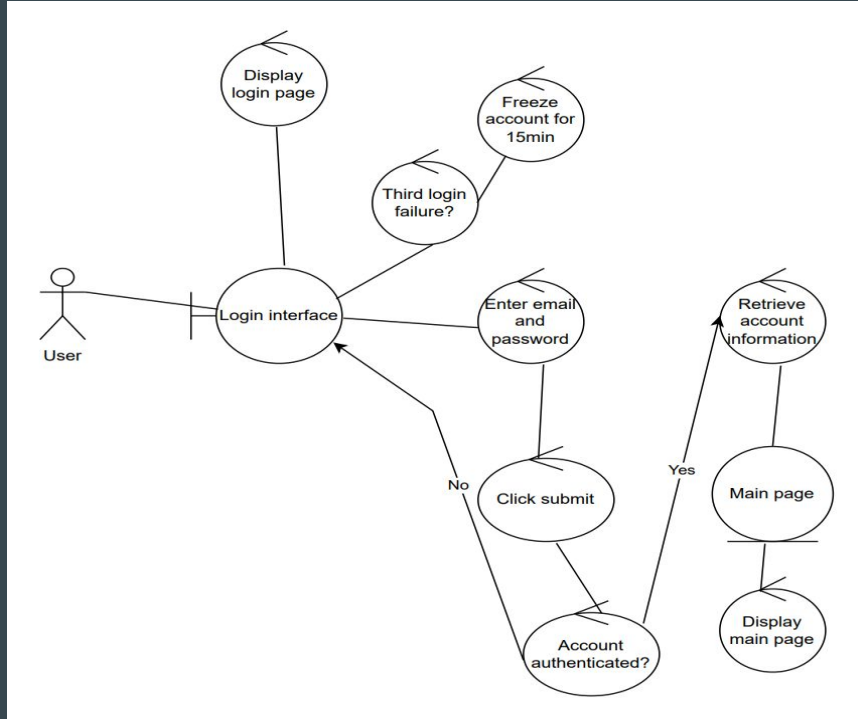


# Community Betterment App

...

By

# Use case : User attempts to login



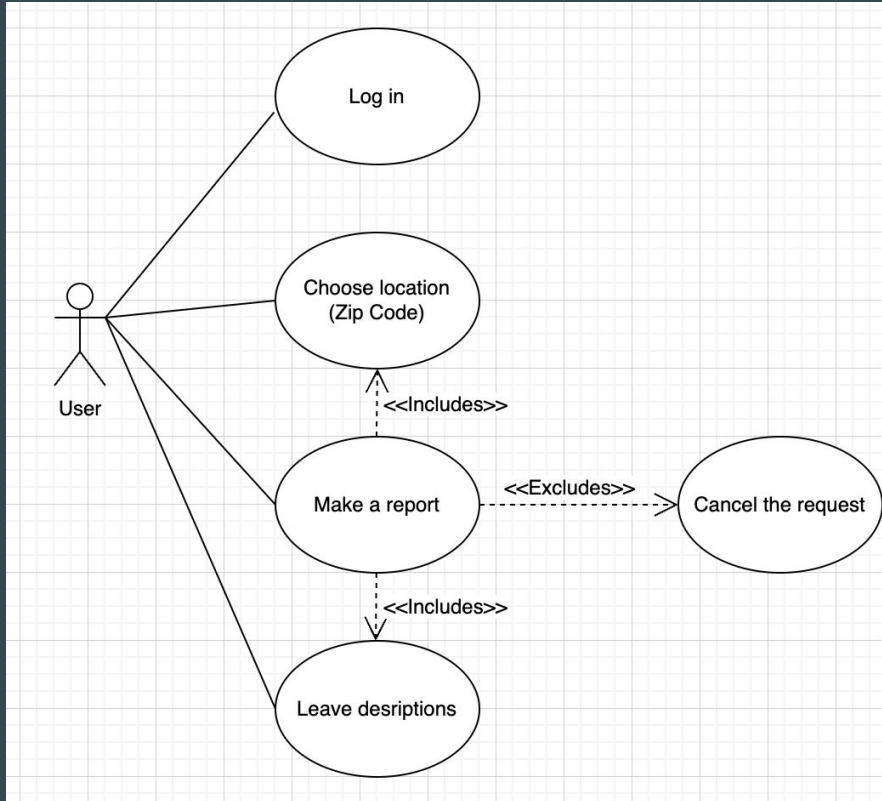
## Basic flow:

1. The system requests that the user enter his/her email and password.
2. The user enters his/her name and password.
3. The system validates the entered name and password and logs the actor into the system

## Alternate flow:

1. The system was unable to validate the entered email and password
2. The system checks if this was the 3rd login failure
  - a. If true, freeze the account for 15 minutes

# Use case: User reports an incident



- **Basic course**

A user logs in and navigates to the system and clicks on the report button. The system displays the Report message page. The user chooses the specific location (zip code) of the incident and leaves a description of the incident. Upon pressing the sending button, the system adds the report to the list of pending reports in the database. The system also adds the name of the sender automatically.

- **Alternate course**

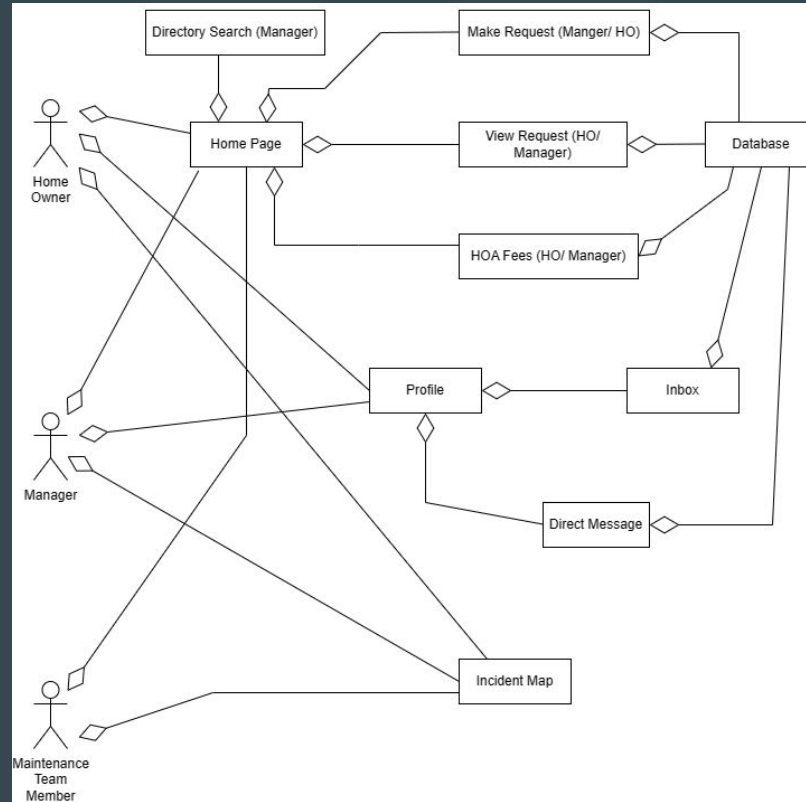
The user may have more than one incident in one report

After choosing the specific location and leaving a description of the first incident, the user can click 'another incident' button rather than 'submit' button. Then the user is shown the Report page again.

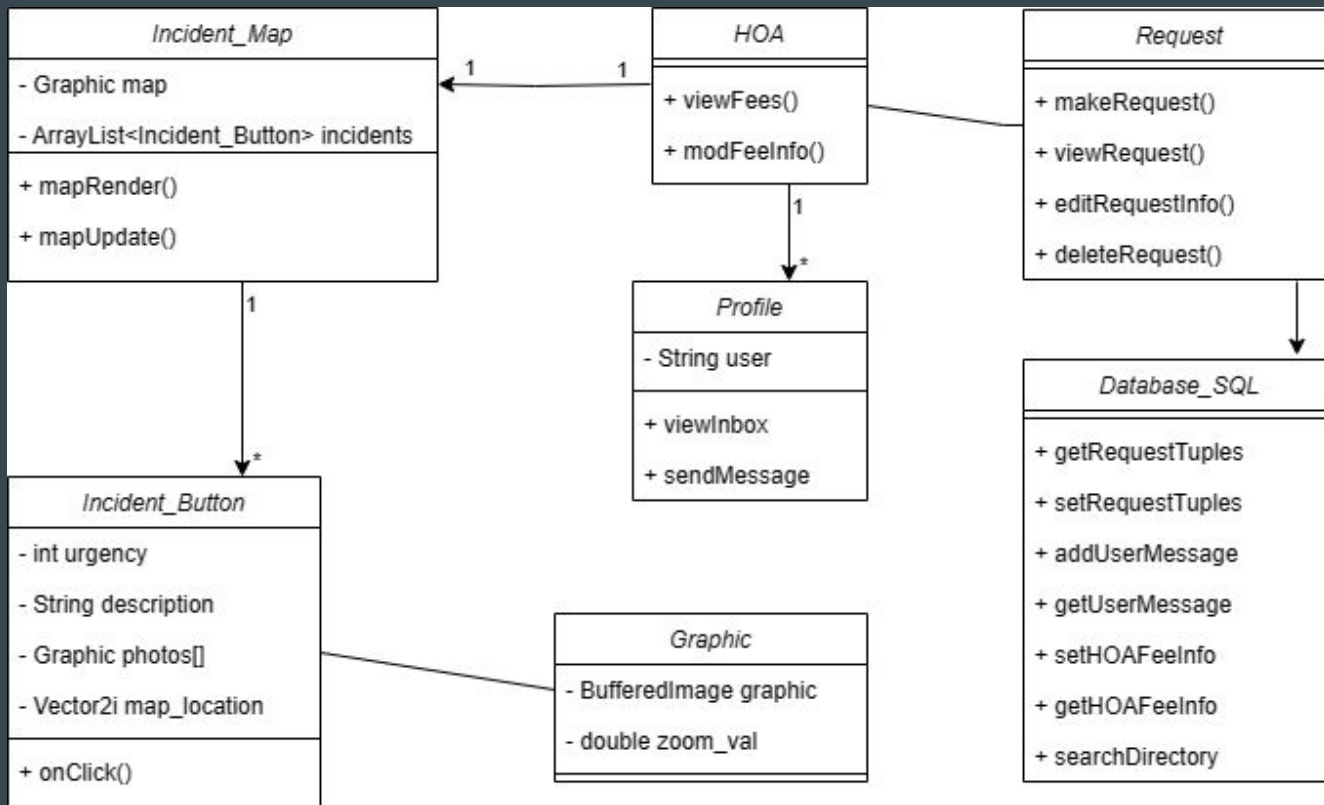
The user decides to cancel the request

A user is able to click the cancel button at any step during the process.

# HOA Domain Model



# HOA Class Diagram





# Community Betterment Project

This is a webapp that helps the community stay connected with reporting incidents and streamlining the communication process

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## Getting started

ASP.NET MVC gives you a powerful, patterns-based way to build dynamic websites that enables a clean separation of concerns and gives you full control over markup for enjoyable, agile development.

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NuGet is a free Visual Studio extension that makes it easy to add, remove, and update libraries and tools in Visual Studio projects.

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## Users Directory

[Create New](#)

EmailAddress	FirstName	LastName	Password	SubscriptionStatusDesc	UserRoleDesc	
abc1@email.com	John1	Smith	abc1	Active	Administrator	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
abc2@email.com	John2	Smith	abc2	Active	Manager	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
abc3@email.com	John3	Smith	abc3	Active	Homeowner	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
abc4@email.com	John4	Smith	abc4	Active	Vendor	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
abc5@email.com	John5	Smith	abc5	Active	Homeowner	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
pmann@gmail.com	Pranjal	Mann	123r43	Active	Homeowner	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

# Create

User

EmailAddress

FirstName

LastName

Password

UserRoleIdFK

SubscriptionStatusIdFK

Create

[Back to List](#)





## Edit

User

EmailAddress	<input type="text" value="abc1@email.com"/>
FirstName	<input type="text" value="John1"/>
LastName	<input type="text" value="Smith"/>
Password	<input type="text" value="abc1"/>
UserRoleIdFK	<input type="text" value="Administrator"/>
SubscriptionStatusIdFK	<input type="text" value="Active"/>
<input type="button" value="Save"/>	

[Back to List](#)



## Details

User

---

EmailAddress	abc1@email.com
FirstName	John1
LastName	Smith
Password	abc1
SubscriptionStatusD...	Active
UserRoleDesc	Administrator

[Edit](#) | [Back to List](#)

---

## Delete

Are you sure you want to delete this?

User

<b>EmailAddress</b>	abc1@email.com
<b>FirstName</b>	John1
<b>LastName</b>	Smith
<b>Password</b>	abc1
<b>SubscriptionStatusD...</b>	Active
<b>UserRoleDesc</b>	Administrator

Delete | [Back to List](#)

# Index

[Create New](#)

IncidentDesc	ReportedByName	ReportedByPhoneNumber	ReportedByEmail	ReportedDate	IncidentLocationAddress	IncidentStatusDesc	IncidentTypeDesc	
There is an intruder at my house	Shreya	7174701456	shreyachandanshive@gmail.com	12/10/2022 12:00:00 AM	61 Edris Ln	Open	Intruder	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
my house is on fire	sanket	2342453	sanketchadanshive1@gmail.com	12/10/2022 12:00:00 AM	61 Edris Ln	Open	Fire	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
mt house is on fire	Claire	7173701734	email@email.com	12/10/2022 12:00:00 AM	61 Edris Ln	Open	Fire	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

## Create

### Incident

---

IncidentTypeIdFK	<input type="text" value="Missing Pet"/>
IncidentDesc	<input type="text"/>
ReportedByName	<input type="text"/>
ReportedByPhoneNumber	<input type="text"/>
ReportedByEmail	<input type="text"/>
ReportedDate	<input type="text"/>
IncidentLocationAddress	<input type="text"/>
IncidentStatusIdFK	<input type="text" value="Open"/>
<input type="button" value="Create"/>	

[Back to List](#)

# Edit

## Incident

**IncidentTypeIdFK**

Intruder

**IncidentDesc**

There is an intruder at my house

**ReportedByName**

Shreya

**ReportedByPhoneNumber**

7174701456

**ReportedByEmail**

shreyachandanshive@gmail.com

**ReportedDate**

12/10/2022 12:00:00 AM

**IncidentLocationAddress**

61 Edris Ln

**IncidentStatusIdFK**

Open



Save

[Back to List](#)

## Details

### Incident

---

<b>IncidentDesc</b>	There is an intruder at my house
<b>ReportedByName</b>	Shreya
<b>ReportedByPhoneNu...</b>	7174701456
<b>ReportedByEmail</b>	shreyachandanshive@gmail.com
<b>ReportedDate</b>	12/10/2022 12:00:00 AM
<b>IncidentLocationAddr...</b>	61 Edris Ln
<b>IncidentStatusDesc</b>	Open
<b>IncidentTypeDesc</b>	Intruder

[Edit](#) | [Back to List](#)

## Delete

Are you sure you want to delete this?

Incident

---

<b>IncidentDesc</b>	There is an intruder at my house
<b>ReportedByName</b>	Shreya
<b>ReportedByPhoneNu...</b>	7174701456
<b>ReportedByEmail</b>	shreyachandanshive@gmail.com
<b>ReportedDate</b>	12/10/2022 12:00:00 AM
<b>IncidentLocationAddr...</b>	61 Edris Ln
<b>IncidentStatusDesc</b>	Open
<b>IncidentTypeDesc</b>	Intruder

Delete

[Back to List](#)