DHIRUBHAI AMBANI INSTITUTE OF INFORMATION AND COMMUNICATION TECHNOLOGY

IT314 - SOFTWARE ENGINEERING

Design document(Class diagram, Activity diagram, Use case diagram)
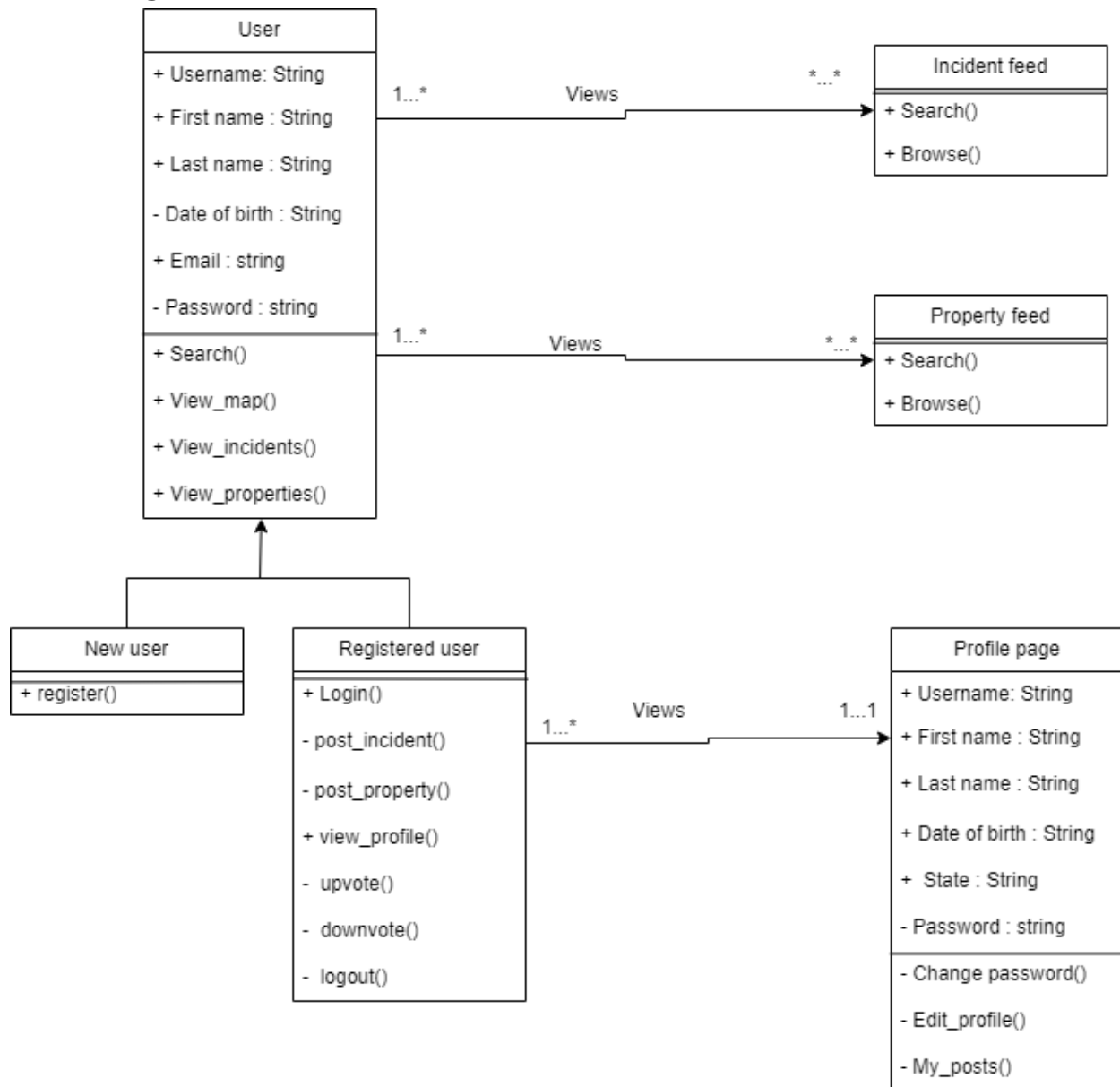
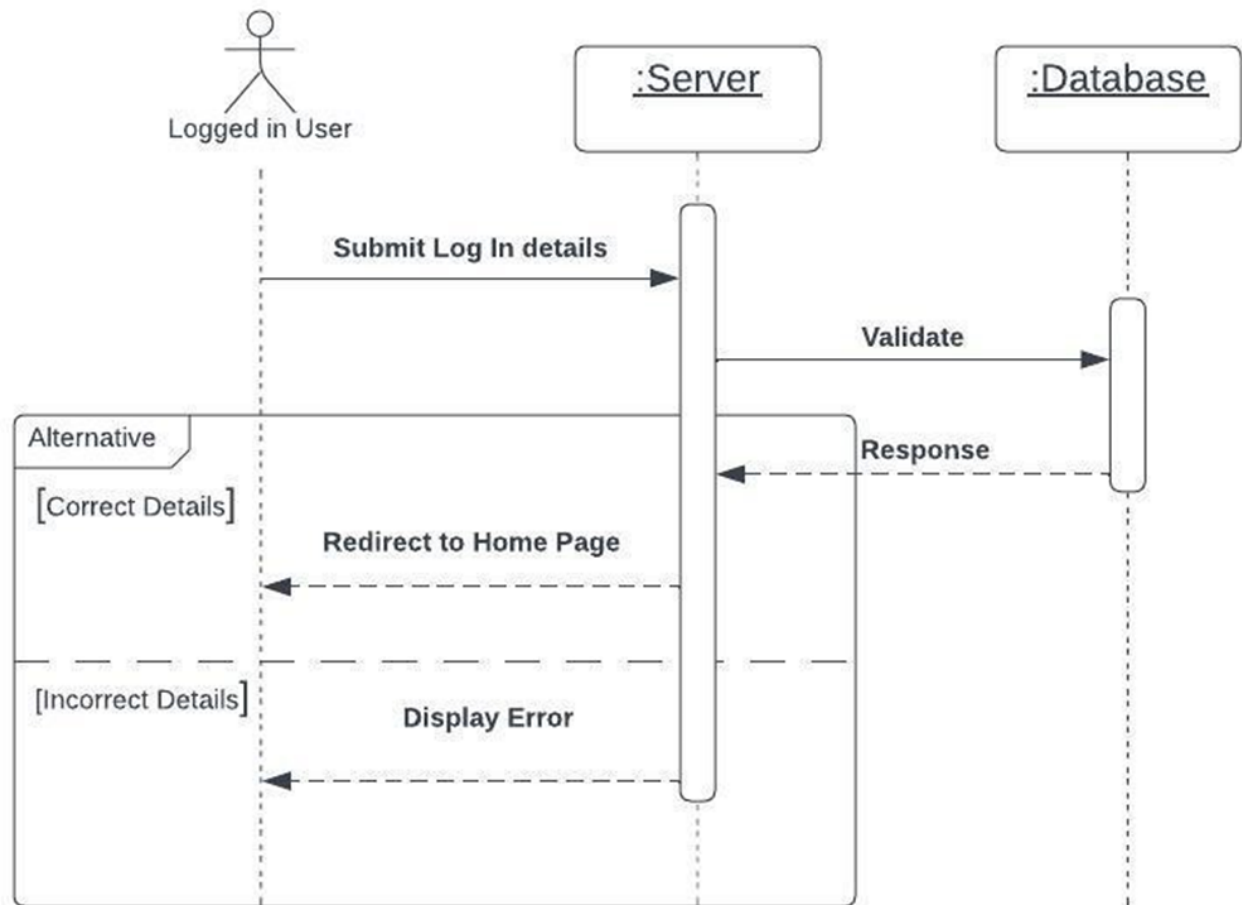## CRIME AND HAZARD MANAGEMENT SYSTEM

GROUP NO: 30

GROUP MEMBERS

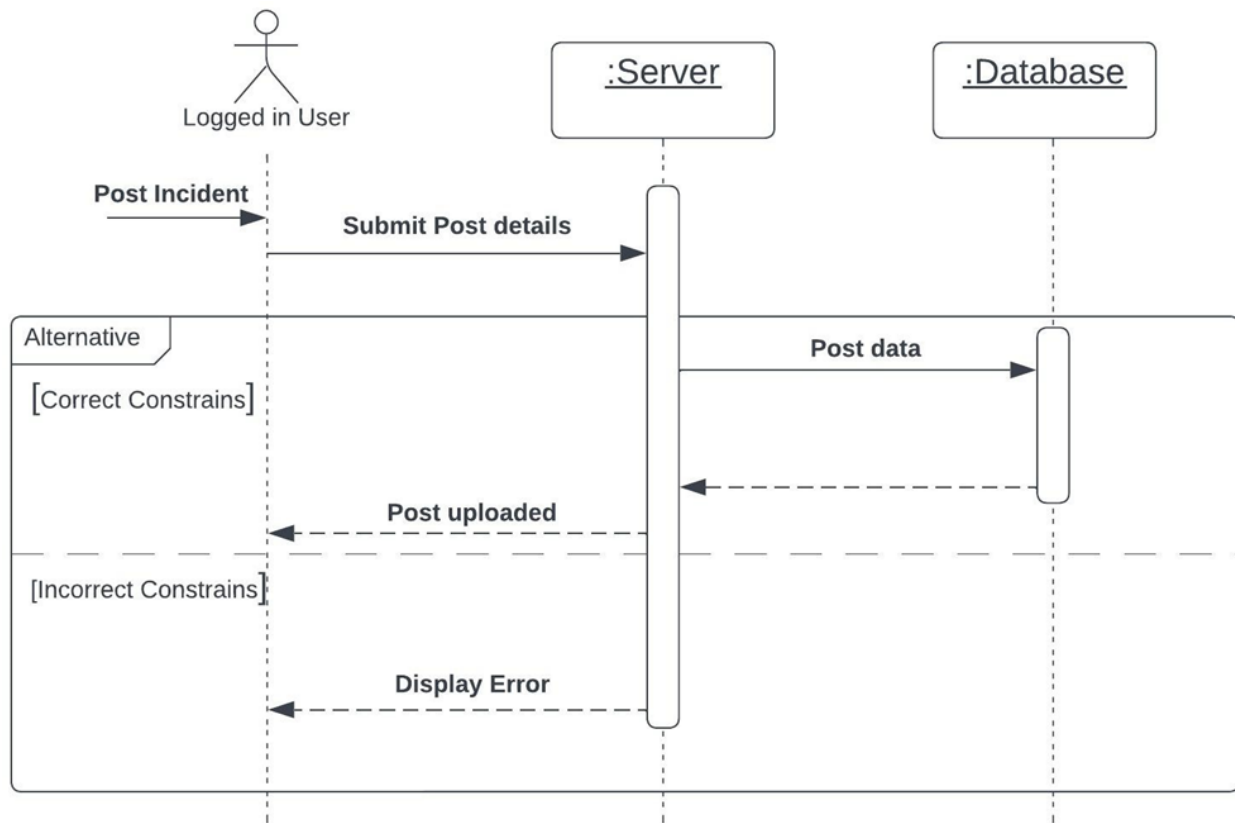| 202001410	PATEL AYUSH SANJAYBHAI
202001447	VAKANI HETAV ABHAYBHAI
202001467	JAY GROVER
202001421	PATEL KUNJ RAKESH
202001446	GONDALIYA VENIL CHANDUBHAI
202001275	AYUSH JAIN
202001458	KRIS PATEL
202001264	HARSH SANJAY MAKWANA
202001466	KALP KINJALBHAI PANDYA
202001438	NARODIA JEET NILESHKUMAR
202001457	HITARTH VYAS

Class diagram:

User

+ Username: String

+ First name : String

+ Last name : String

- Date of birth : String

+ Email : string

- Password : string

+ Search()

+ View_map()

+ View_incidents()

+ View_properties()

Incident feed

+ Search()

+ Browse()

1...* Views *...*

Property feed

+ Search()

+ Browse()

1...* Views *...*

New user

+ register()

Registered user

+ Login()

- post_incident()

- post_property()

+ view_profile()

- upvote()

- downvote()

- logout()

1...* Views 1...1

Profile page

+ Username: String

+ First name : String

+ Last name : String

+ Date of birth : String

+ State : String

- Password : string

- Change password()

- Edit_profile()

- My_posts()

Login:

Registration sequence diagram:

Search:

User

:Server

:Database

Search request

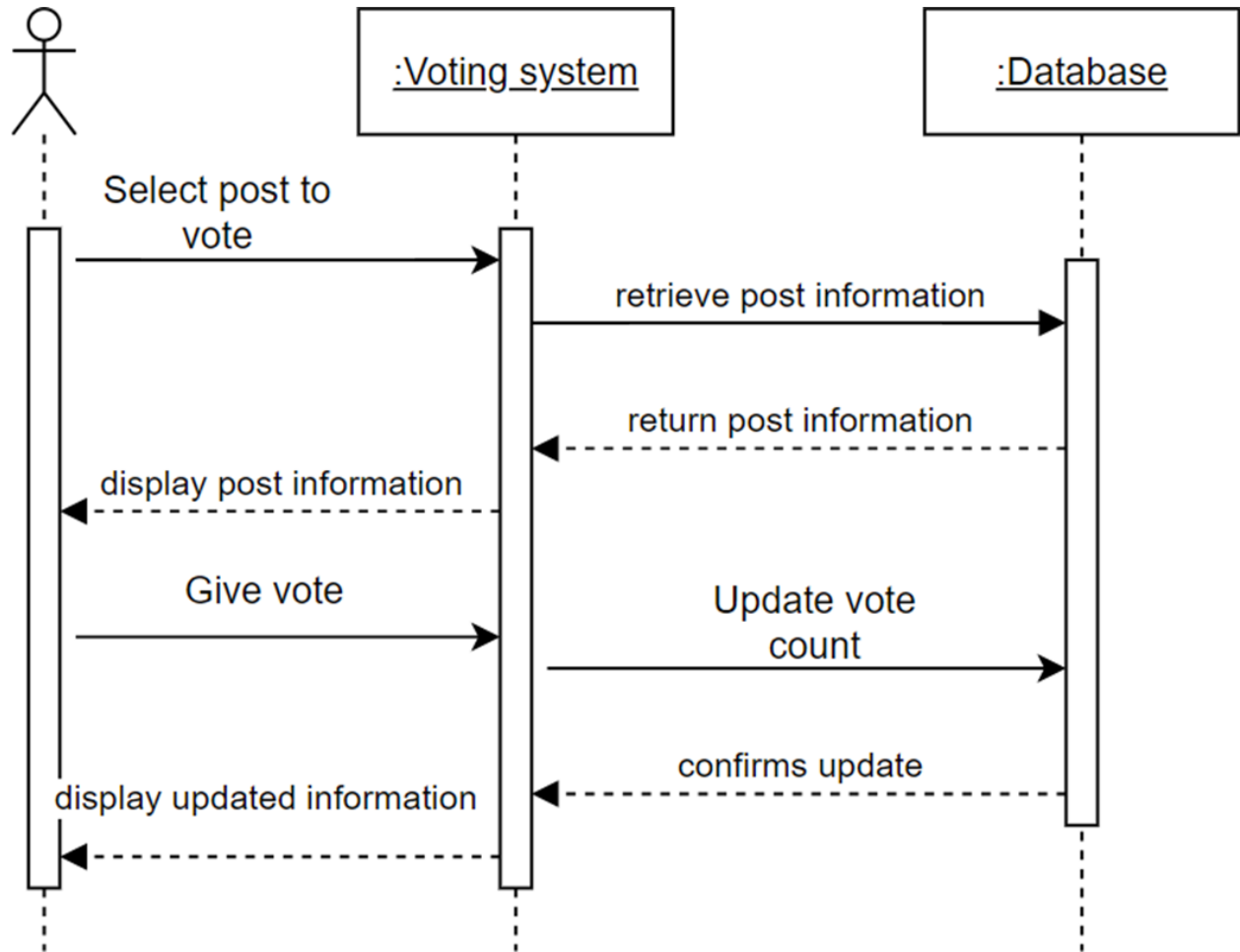Search query

Return information

Search request response
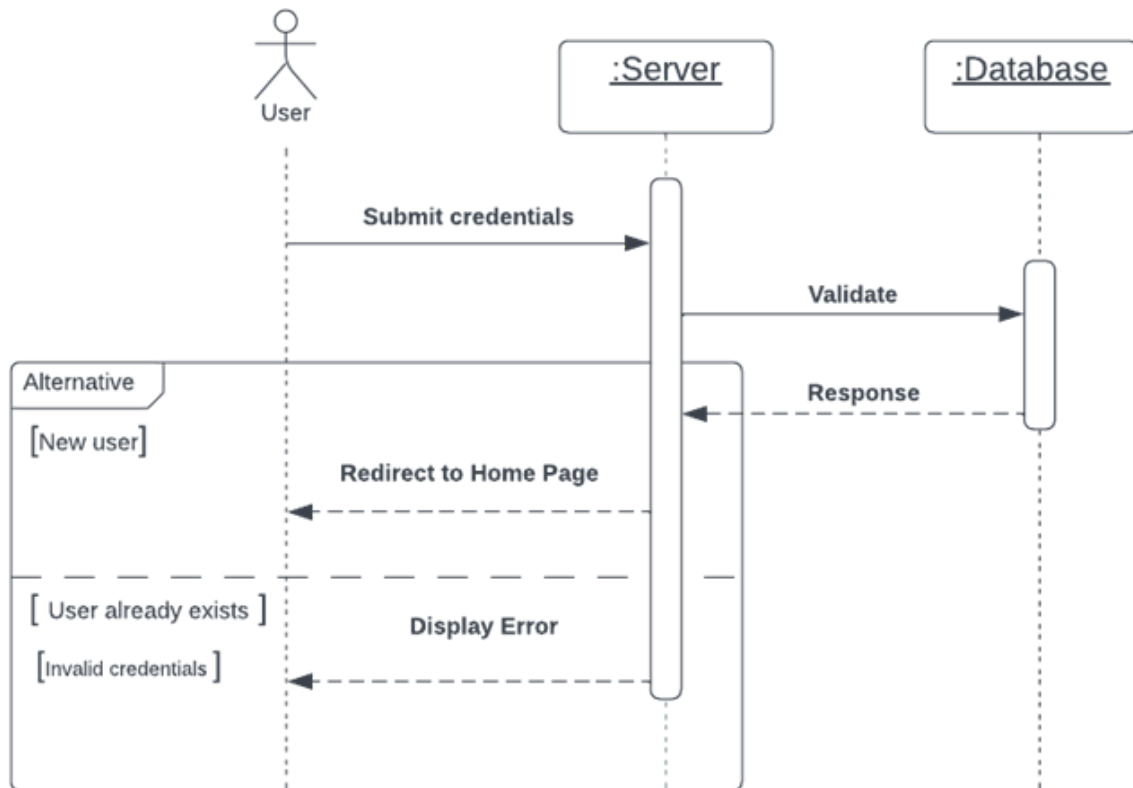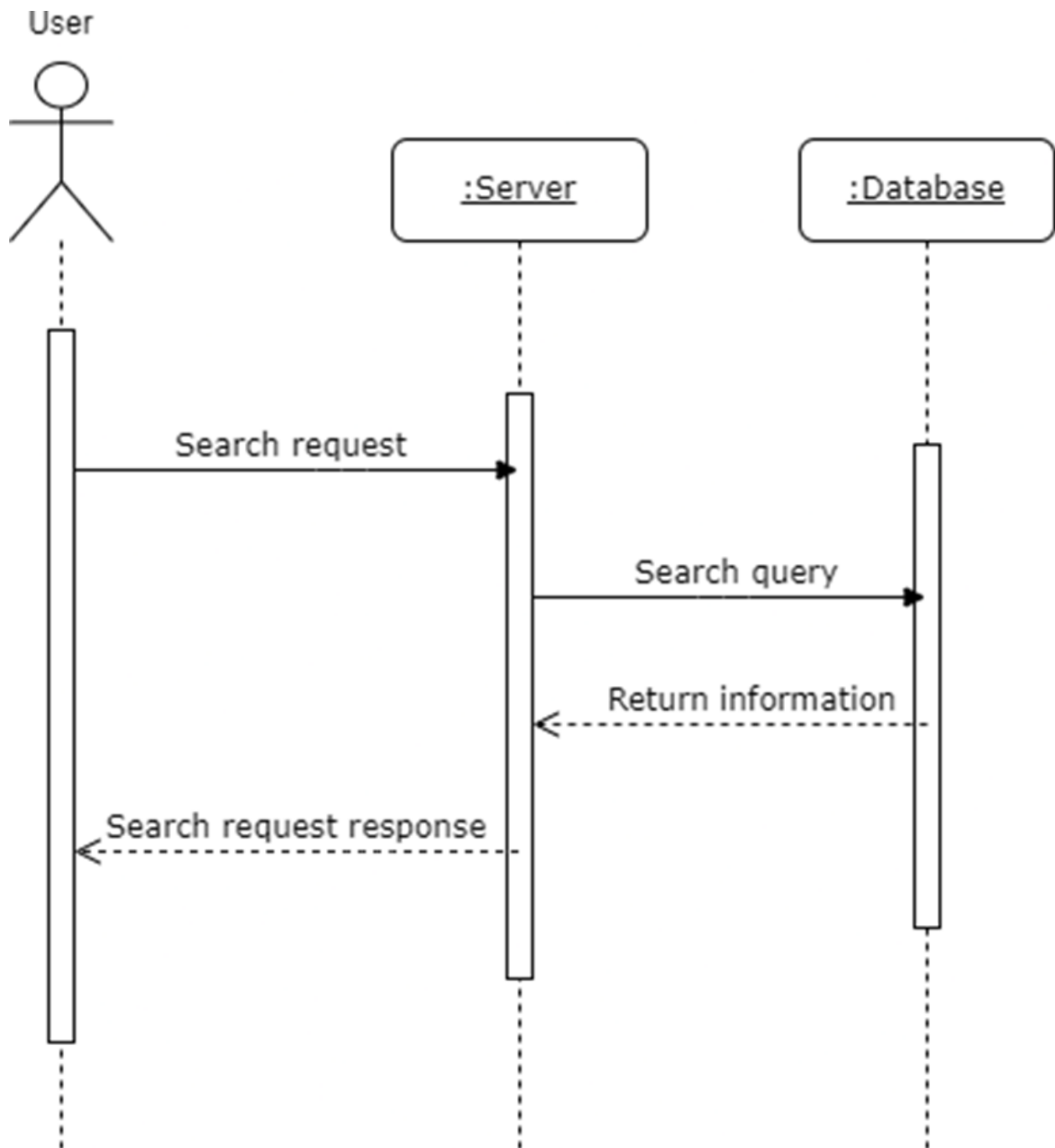
Post Incident sequence diagram:

Voting for post sequence diagram:

● **Use Case Diagram**

Crime And Hazards Measuring Website