

# ***Connect Globe***

***Submitted by***

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## **Abstract**

The *Connect Globe* system is a platform where you can get a chance of complain about your issues and problems to the police or media through the website and improve your knowledge and can share knowledge. Many people suffering with many problems and don't know how to solve. This website is useful to the people who are facing the problems but not going to police station or media to complain about the issue. This website is providing a chance to the users who are registered with this site to stay at home and discuss with the experts all over the world , and improve their knowledge by making a useful discussion about a particular topic. People can post their Issues and get advices from many experienced people and can solve their problems and also can give advice or share some experience with the user.

This website contains functionalities for Admins like deleting issues, advices and feedback. Admin can also post issues, advices and participate in discussions. Users can send feedback to the website. By receiving feedback Admins can develop the website as per the suggestions of users.

### **Procedure to use this site:**

- I) Users and Admins have to register before logging into the website.
- II) The user can see the home page after login with links to view Issues and Advices posted till that moment and also can see the discussions going on.
- III) After choosing view\_issues button he/she will get a page with all issues and advices posted by the Users and also provided with a button which is useful for the User to give advice for the Issue.
- IV) Then he/she can choose post advices or View topics and discussions.
- VI) User can also give feedback about this site.

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# 1. Introduction

Now a days we are living in digital world. We are habituated with Online transactions for our comfort and to reduce wasting of time. This project will help users to complain about their issues to the police instead of going to police station. Here we are providing an opportunity to post your issue to the website so that the Admin can inform to the police or media according to your issue. Here we are not revealing the secured information of users to others except the Admin.

This **ConnectGlobe** project having features like *post issues* and get some advices from experts, by this users can solve problems themselves. Users can *Create topic* and make a *discussion* among all the users so that the they can get knowledge on a particular topic. Users are free to share their personal experience and give their opinion.

Most of the people facing problems but they cannot go to police station for giving a complaint directly. **ConnectGlobe** provides a facility to post your issue to police or media through this web site. User can view issues and advices given. The Users can view the discussion about a topic and get some information from that. Users who are experts in the particular topic can share their ideas to the world. The User have a chance to be an Admin by making a request to the Administrators of **ConnectGlobe**.

Admin can delete improper issues or advices which are sent by Users. Here Admin and Users having the common functionalities like *Post Issues*, *Give Advices*, *Create topic* etc. Admin can make a User as an Admin by accepting the User's request.

The Users can send feedback about the website or give any advice to the website through *Send feedback* functionality.

# **2. Software Requirement Specification**

## **2.1.0 Introduction**

### **2.1.1 Purpose**

The main theme of our project is to make people to be strong enough to face the world and discuss their problems with the world and make them to give advices and give support to each , especially to make people more socially responsible.

This project is going to be helpful for people all over the world to improve their knowledge by discussing with other people, who are experts in particular topics posted.

This application gives updated information about the world humanities and updated technology and all other topics may be related to business or crime or social. So, that this project may help to people to get social connection with the world.

### **2.1.2 Document Conventions**

IEEE format. Size of main headings and sub headings are 18,14 respectively. The font of the remaining description is Times 12.

### **2.1.3 Product Scope**

This project is for people all over the world and can solve their issues or problems by discussing with other people and Admin can complain to the police or inform to the media according to the problem posted.

It will be very useful to all who are facing problems and expecting advices form others to solve the problem themselves.

### **2.1.4 Intended Audience and Reading Suggestions Developers**

Administrators

Users

### **2.1.5 References**

[www.google.com](http://www.google.com)



## 2.2.0 Overall Description

### 2.2.1 Product Perspective

This SRS document provides us complete information this project. People can post their issues and others can give advices about that issue. People can discuss on a particular topic with the world by sitting at home and with an Internet connectivity.

### 2.2.2 Product Functions

Users can post issues and experiences they have faced and give advices to others and if the problem is serious the Admin can complain about that issue or inform to media. Admin can delete issues or advices which are unnecessary.

Users can create a topic and discuss among all. By this way they can share their knowledge to the world. Users can give feedback to the website.

### 2.2.3 User Classes and Characteristics

**Users:**Users can post their issues and experiences and view them and can give advices.

They can create a topic and make a great discussion among all. That may belong to social,business or crime. And can give feedback to the website.

**Admin:** They are able to enter, and delete the issues,topic and advices.

**Operating Environment:** It will works in any operating system if it contains web browser and Internet connection and eclipse.

### 2.2.4 Operating Environment

Standard PC, 2GB RAM, 500GB hard disk. this software mainly uses technologies called eclipse db2 as database.

### 2.2.5 Design and Implementation Constraints

Only registered Users can post issues or view the issues and discussions. Admins can have a right to delete issues and advices. Users can not delete their Issues or advices once after they click on submit button. If the User wants to join as one of the Admins of the website then Admins has to accept the request then only the Users can acts as Admin.

### 2.2.6 User Documentation

IEEE format.

## **2.3.0 External Interface Requirements**

### **2.3.1 User Interfaces**

We will use buttons and also image buttons and forms to enter details. It provides friendly environment for the user.

### **2.3.2 Hardware Interfaces**

It uses keyboard and mouse to click the buttons and to interact with this project. Computer is needed to use this project.

### **2.3.3 Software Interfaces**

To maintain the data about issues and files uploaded we required to have Data base software to store data that is DB2, it can be accessed on any operating system, Eclipse software used for writing code and executing it.

### **2.3.4 Communications Interfaces**

It requires web browser, network server communication protocol, it uses mail communication.

## 2.4.0 Functional requirements

### 2.4.1 Feature1: Login

<b>Name</b>	Login
<b>Participating actors</b>	Users&Admin
<b>Goals</b>	To get into this site and to make information secure
<b>Triggers</b>	Click the login button
<b>Pre-condition</b>	Register before login and access our link
<b>Post-condition</b>	display main page
<b>Basic flow</b>	1. Enter Username, Password 2. If user enter correct information then open the main page
<b>Alternate flow</b>	1. Error message as invalid login 2. Server busy wait for some time
<b>Exception</b>	Error message as invalid login
<b>Quality</b>	Menu page will be displayed less than 5 sec.

### 2.4.2 Feature 2: Give Feedback

<b>Name</b>	Give Feedback
<b>Participating actors</b>	Users
<b>Goals</b>	Gives feedback about this site
<b>Triggers</b>	When user clicks the submit button
<b>Pre-condition</b>	The user have to logged with authorized access
<b>Post-condition</b>	Shows a message like “Thank you for giving feedback”
<b>Basic flow</b>	1. Click submit button 2. Submits the written feedback
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	You are not authorized
<b>Quality</b>	Submission will be done with in 5 sec.

### 2.4.3 Feature3 : Post Issue

<b>Name</b>	Post Issue
<b>Participating actors</b>	User and Administrators
<b>Goals</b>	Post issues so that the issues will be displayed to all
<b>Triggers</b>	Sends issue when submit button clicked
<b>Pre-condition</b>	The user should be logged with authorized access
<b>Post-condition</b>	Page will be displayed and you can write the message
<b>Basic flow</b>	1. Click submit button 2. Display the written message
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	File not uploaded
<b>Quality</b>	Written issue can be send with in 10 sec

#### 2.4.4 Feature4 : Log out

<b>Name</b>	Log out
<b>Participating actors</b>	Admin, Users
<b>Goals</b>	Actors will leaves this site
<b>Triggers</b>	When actor click the Logout button
<b>Pre-condition</b>	User must logged in before Logout
<b>Post-condition</b>	Displays login page
<b>Basic flow</b>	1. Click the logout button 2. Display the home/login page
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	No Exception
<b>Quality</b>	Menu page will be displayed within 8 sec

#### 2.4.5 Feature5 : Give Advice

<b>Name</b>	Give Advice
<b>Participating actors</b>	Admin and Users
<b>Goals</b>	Admin and users can give advices to a particular issue
<b>Triggers</b>	Clicks Send button to send advice
<b>Pre-condition</b>	The user should be logged with authorized access
<b>Post-condition</b>	Page will be displayed and you can edit the details
<b>Basic flow</b>	1. Click Advice button 2. Display Advices page 3. Send the advice
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	Some error occurred - try again
<b>Quality</b>	Entered information will be updated within 2sec

#### 2.4.6 Feature6 : View Issues

<b>Name</b>	View Issues
<b>Participating actors</b>	Users, Admin
<b>Goals</b>	Displays the page which contains the entire issues having with give advice button
<b>Triggers</b>	View the issues posted,by clicking button 'view Issues'
<b>Pre-condition</b>	When actor wants to see the posted issues, he has to logged in
<b>Post-condition</b>	List of issues have been posted will be displayed
<b>Basic flow</b>	1. Click the button view issues 2. Choose the particular issue 3. View the information about the issues
<b>Alternate flow</b>	Server busy please wait for 5 minutes
<b>Exception</b>	No Exception
<b>Quality</b>	Issues will displayed within 10 sec

#### 2.4.7 Feature7 : View Advices

<b>Name</b>	View Advices
<b>Participating actors</b>	Admin, Users
<b>Goals</b>	Displays all the advices about issue have been selected
<b>Triggers</b>	Clicks on issue to view advices
<b>Pre-condition</b>	User can view the advices have been given till now
<b>Post-condition</b>	User should be on view issues page
<b>Basic flow</b>	User opens the view issues page and click on advice button and advices will be displayed
<b>Alternate flow</b>	User can give advice and then he can see advices of that issue
<b>Exception</b>	No advices are displayed
<b>Quality</b>	View advices will be displayed in 2 seconds

#### 2.4.8 Create Topic

<b>Name</b>	Create topic
<b>Participating actors</b>	Users and Administrators
<b>Goals</b>	To create a topic according to category selected
<b>Triggers</b>	When create topic button is clicked text field will be displayed
<b>Pre-condition</b>	User must login into the website
<b>Post-condition</b>	User can create a topic and start discussing on it
<b>Basic flow</b>	After logged into the site and clicked the create topic button then they can post topic
<b>Alternate flow</b>	Some times may discuss on others topic
<b>Exception</b>	Some error occurred try again
<b>Quality</b>	It will be posted successfully to website

#### 2.4.9 Feature9 : Discuss

<b>Name</b>	Discuss
<b>Participating actors</b>	Users and Admin
<b>Goals</b>	Discussing on a topic
<b>Triggers</b>	Send button will be clicked to submit the information you have entered
<b>Pre-condition</b>	the user should be logged with authorized access
<b>Post-condition</b>	Discussions about the topic will be displayed
<b>Basic flow</b>	1. Click the discuss button 2. Write the information you want to share 3. Click on send
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	You are not authorized or invalid login
<b>Quality</b>	After clicking the send button, your information will be displayed in 3 seconds

#### 2.4.10 Feature10 : See Feedback

<b>Name</b>	See Feedback
<b>Participating actors</b>	Admin
<b>Goals</b>	Page should be displayed to see the feedback given by students and faculty
<b>Triggers</b>	Request to view the page
<b>Pre-condition</b>	the Admin should be logged with authorized access.
<b>Post-condition</b>	Page will be displayed and you can see the feedback.
<b>Basic flow</b>	1. Click See Feedback button 2. Display the received feedback page 3. See the feedback sent by Users
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	You are not authorized or invalid login
<b>Quality</b>	Written feedback page will be open with in 3 sec.

#### 2.4.11 Feature9 : Register

<b>Name</b>	Register
<b>Participating actors</b>	User
<b>Goals</b>	Link will be open to register
<b>Triggers</b>	Request to open the registration link
<b>Pre-condition</b>	the user should be logged with authorized access
<b>Post-condition</b>	Registration page will be displayed and user can register
<b>Basic flow</b>	1. Click the register button 2. Display the register page 3. User can register
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	You are not authorized or invalid login
<b>Quality</b>	After clicking the register button, registration will be done with in 5sec

#### 2.4.12 Feature12 : Delete Issues

<b>Name</b>	Delete Issues
<b>Participating actors</b>	Administrators
<b>Goals</b>	Only Admins can delete issues which are unnecessary
<b>Triggers</b>	Admin clicks the delete button immediately issue will be deleted
<b>Pre-condition</b>	Should be logged with authorized access and must as an Administrator
<b>Post-condition</b>	The page will be displayed only for Admins by clicking on delete button
<b>Basic flow</b>	1. Click view issues button 2. Displays the view issues page 3. Admin can delete issue by clicking delete button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	No exception
<b>Quality</b>	The issue will be deleted with in 5 secs

### 2.4.13 Feature13 : Delete Advices

<b>Name</b>	Delete Advices
<b>Participating actors</b>	Administrators
<b>Goals</b>	Only Admins can delete advices which are unnecessary
<b>Triggers</b>	Admin clicks the delete button immediately issue will be deleted
<b>Pre-condition</b>	Should be logged with authorized access and must as an Administrator
<b>Post-condition</b>	The page will be displayed only for Admins by clicking on delete button
<b>Basic flow</b>	1. Click view advices button 2. Displays the view advices page 3. Admin can delete advice by clicking delete button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	No exception
<b>Quality</b>	The advice will be deleted with in 5 secs

### 2.4.14 Feature14 : Delete Topics

<b>Name</b>	Delete topics
<b>Participating actors</b>	Administrators
<b>Goals</b>	Only Admins can delete topics which are not useful
<b>Triggers</b>	Admin clicks the delete button immediately topic will be deleted
<b>Pre-condition</b>	Should be logged with authorized access and must as an Administrator
<b>Post-condition</b>	The page will be displayed only for Admins by clicking on delete button
<b>Basic flow</b>	1. Click view topics button 2. Displays the view topic page 3. Admin can delete topic by clicking delete button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	No exception
<b>Quality</b>	The topic will be deleted with in 5 secs

### 2.4.15 Feature15 : Delete Discussion answers

<b>Name</b>	Delete discussion answers
<b>Participating actors</b>	Administrators
<b>Goals</b>	Only Admins can delete answers which are not exactly related
<b>Triggers</b>	Admin clicks the delete button immediately answer will be deleted
<b>Pre-condition</b>	Should be logged with authorized access and must as an Administrator
<b>Post-condition</b>	The page will be displayed only for Admins by clicking on delete button
<b>Basic flow</b>	1. Click view answers button 2. Displays the answers page 3. Admin can delete answer by clicking delete button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	No exception
<b>Quality</b>	The answer will be deleted with in 5 secs

#### 2.4.16 Feature16 : Update profile

<b>Name</b>	Update profile
<b>Participating actors</b>	Administrators and Users
<b>Goals</b>	The profile will be up to date
<b>Triggers</b>	Users and Admins can update their profile by clicking on update profile button
<b>Pre-condition</b>	Should be logged with authorized access
<b>Post-condition</b>	The page will be displayed after login by clicking on update profile
<b>Basic flow</b>	1. Login 2. Displays the login home page 3. Clicks on update profile button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	User can choose other options
<b>Quality</b>	The update profile page will be displayed with in 5 secs

#### 2.4.17 Feature17 : Change Password

<b>Name</b>	Change password
<b>Participating actors</b>	Administrators and Users
<b>Goals</b>	Provide security by changing password
<b>Triggers</b>	Users and Admins can change their password by clicking on Change password button
<b>Pre-condition</b>	Should be logged with authorized access
<b>Post-condition</b>	The page will be displayed after login by clicking on change password
<b>Basic flow</b>	1. Login 2. Displays the login home page 3. Clicks on change password button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	User can choose other options
<b>Quality</b>	The new password will be saved to database

#### 2.4.17 Feature17 : Forgot Password

<b>Name</b>	Forgot Password
<b>Participating actors</b>	Administrators and Users
<b>Goals</b>	Admins and users can get access to website by getting OTP to email
<b>Triggers</b>	Users and Admins can get otp by clicking on forgot password
<b>Pre-condition</b>	Should be have an account in this website
<b>Post-condition</b>	OTP will be sent to their email
<b>Basic flow</b>	1.Had registered already 2.Click on forgot password 3.enter email
<b>Alternate flow</b>	Server slow wait for some time
<b>Exception</b>	No exception
<b>Quality</b>	This process will take up to 5 secs



#### 2.4.18 Feature18 : Mail to media

<b>Name</b>	Mail to media
<b>Participating actors</b>	Administrators
<b>Goals</b>	Issues will be forwarded to media
<b>Triggers</b>	Mail to media button will be clicked
<b>Pre-condition</b>	Should be logged with authorized access
<b>Post-condition</b>	The page will be displayed to Admins only by clicking on mail to media button
<b>Basic flow</b>	1. Admin Login 2. Goes to the view issues page 3. Clicks on mail to media button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	User can choose other options
<b>Quality</b>	The update Mail to media page will be displayed with in 5 secs

#### 2.4.18 Feature18 : Mail to Police

<b>Name</b>	Mail to police
<b>Participating actors</b>	Administrators
<b>Goals</b>	Issues will be forwarded to police
<b>Triggers</b>	Mail to media button will be clicked
<b>Pre-condition</b>	Should be logged with authorized access
<b>Post-condition</b>	The page will be displayed to Admins only by clicking on mail to media button
<b>Basic flow</b>	1. Admin Login 2. Goes to the view issues page 3. Clicks on mail to media button
<b>Alternate flow</b>	Server busy wait for some time
<b>Exception</b>	User can choose other options
<b>Quality</b>	The update Mail to media page will be displayed with in 5 secs

## 2.5.0 Non Functional Requirements

It helps you solve your problems easily by taking many advices and Admin can complain to police or inform to media.

It provides good graphical interface for the users. It will help you to improve your knowledge by reading the discussion on a topic. It gives you enough strength to solve your problems on yourself.

### 2.5.1 Performance Requirements:

This site provides more information about a particular topic and you will get knowledge on that topic. You can share your problem and experiences through this site and can give advices to someone to solve their problem. You can improve your strength to face your problems.

### 2.5.2 Safety Requirements:

At most our site will not give any damages or losses. We will follow secure and reliable methods to make the data safe and secure. The Admin will take care of all this application. If there is any damage we will follow recovery methods. And he will maintain the data backup.

### 2.5.3 Security Requirements:

Each user can have their own User-id as email id and Password. So unauthorized person can't view the other user profile. It will provide security to the user data.

### 2.5.4 Software Quality Attributes:

**Security :** It will be secure by using email and password.

**Portability :** It will be platform dependent.

**Maintainability :** The data will be maintained long period of time.

**Availability :** It can be accessed through the Internet.

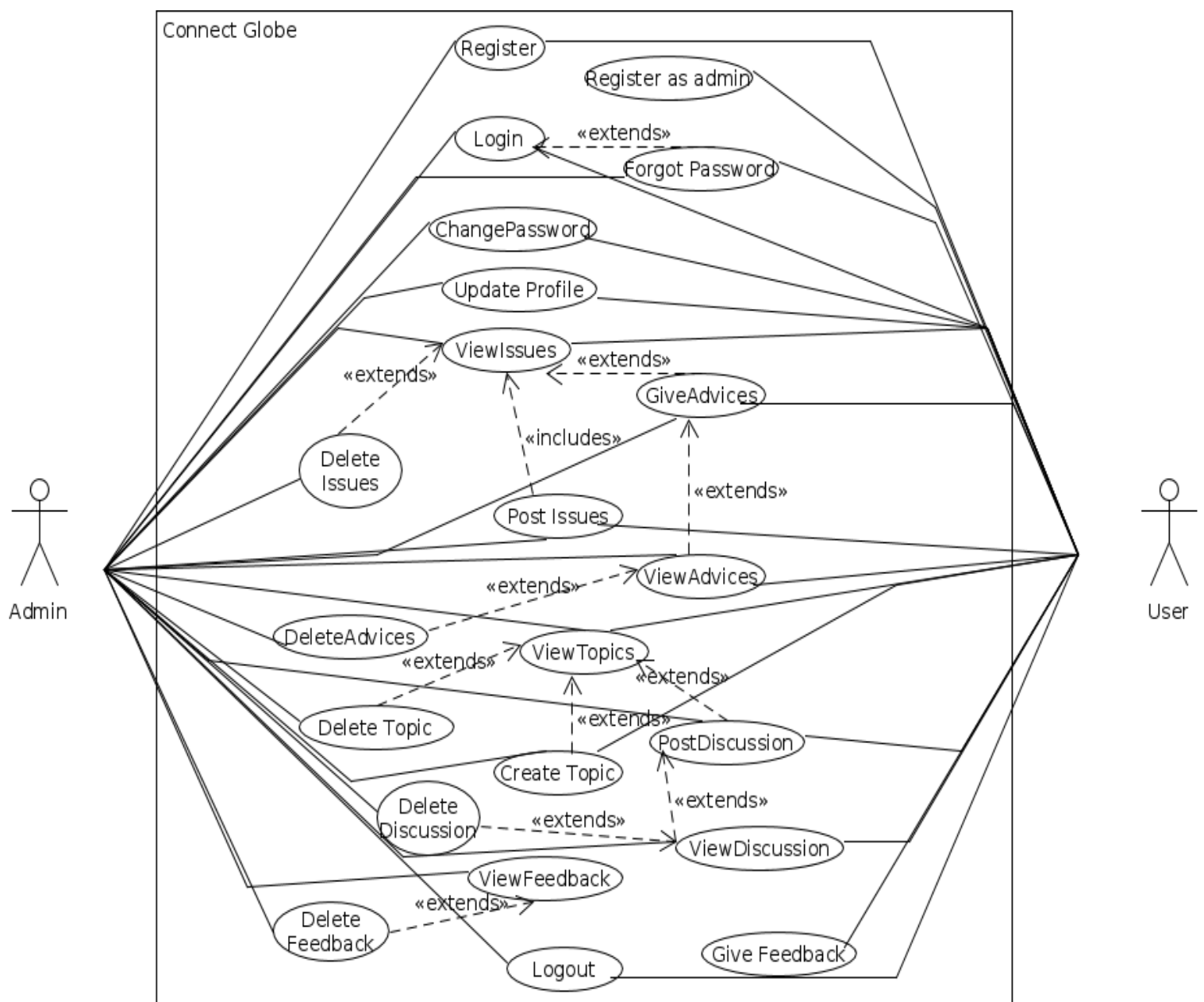
**Usability :** It will be useful for the users to complain on their problems to police or media and can give advices to other users. And can share your knowledge through all over the world and improve your knowledge by discussing with them.

## 2.6.0 Other Requirements

**Hardware constraints:** The system requires a database in order to store persistent data. The database should have backup capabilities.

**Software constraints:** The development of the system will be constrained by the availability of required software such as web servers, database and development tools.

## Use case diagram



## 3.Detailed Design Document

### 3.1.0 Introduction

#### 3.1.1 Goals and Objectives

The purpose of the Detailed Design Document is to present a detailed description of our project *Connect Globe*. This document precisely describes the each of the essential requirements of the software. It also defines and describes the operations, interfaces, performance, design constraints and quality assurance of the Connect Globe. It describes the non-functional requirements such as user interfaces.

#### 3.1.2 Scope of solution

Our project will have following features:

We are providing an opportunity to make an intelligent discussion by sitting at home. That means a user can create a topic and others can discuss on that particular topic. Not only a discussion, User can complain on their issue to police or media according to their problem without going to police station. Admin can inform to media according to the problem.

### 3.2.0 Architectural and Component-Level Design

#### 3.2.1. Architecture diagram

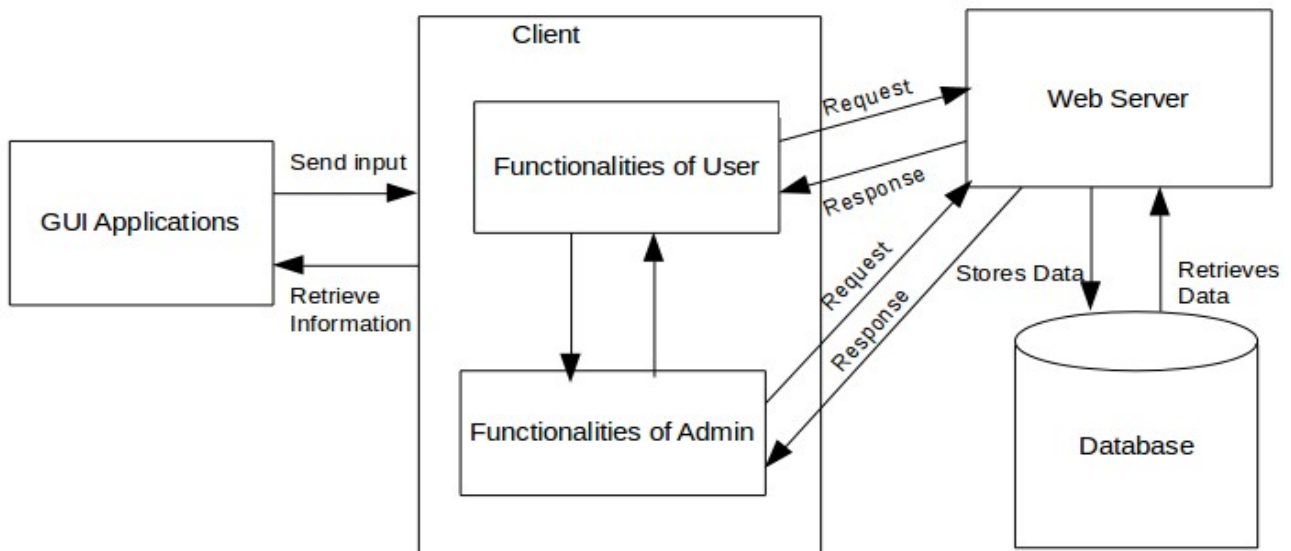


fig : Architecture Diagram

#### 3.2.2 Data flow Diagrams

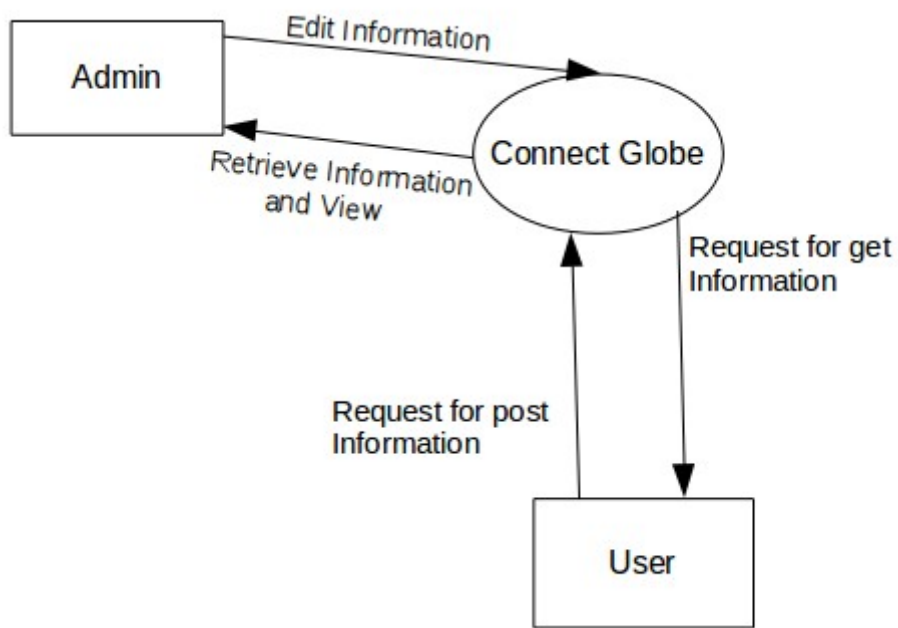


fig : Level-0 Data flow diagram

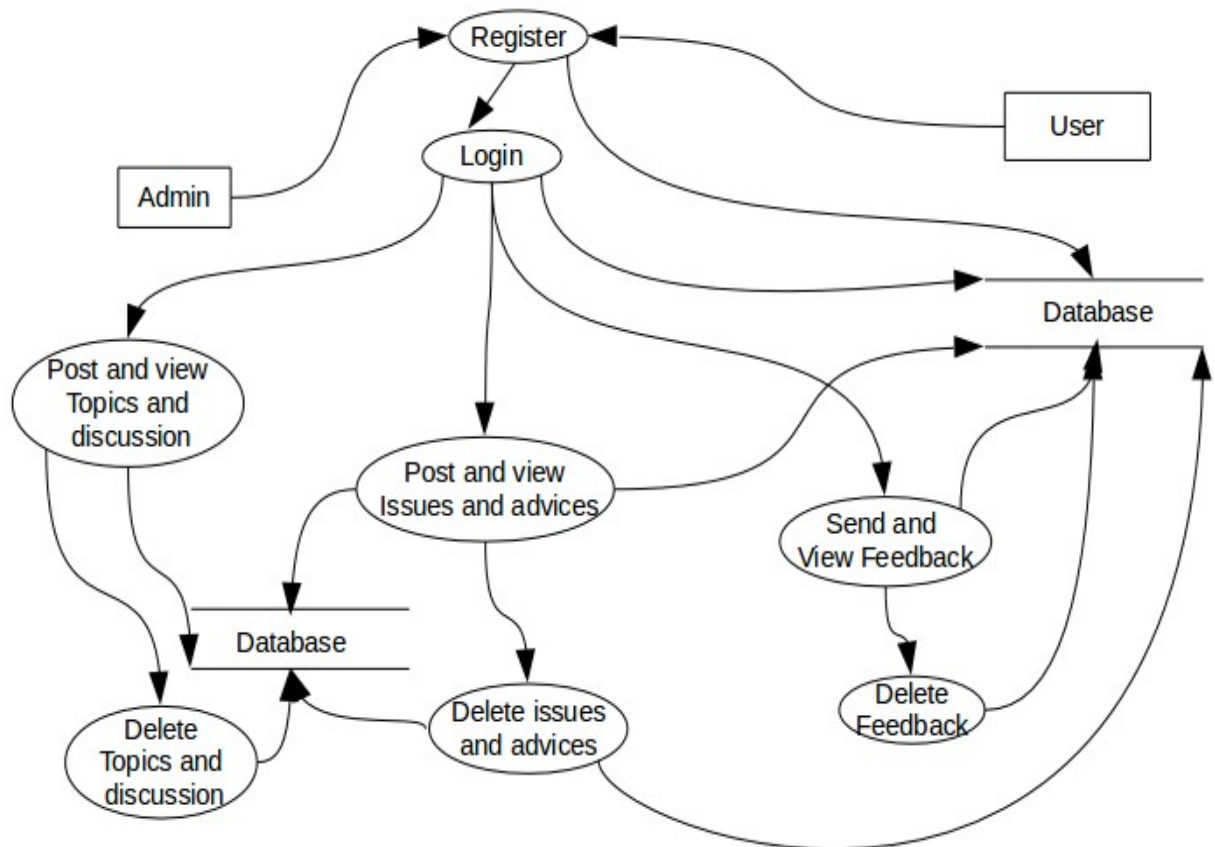


fig : Level-1 Data flow diagram

### 3.2.3 Sequence Diagrams

## Sequence Diagram for Admin :

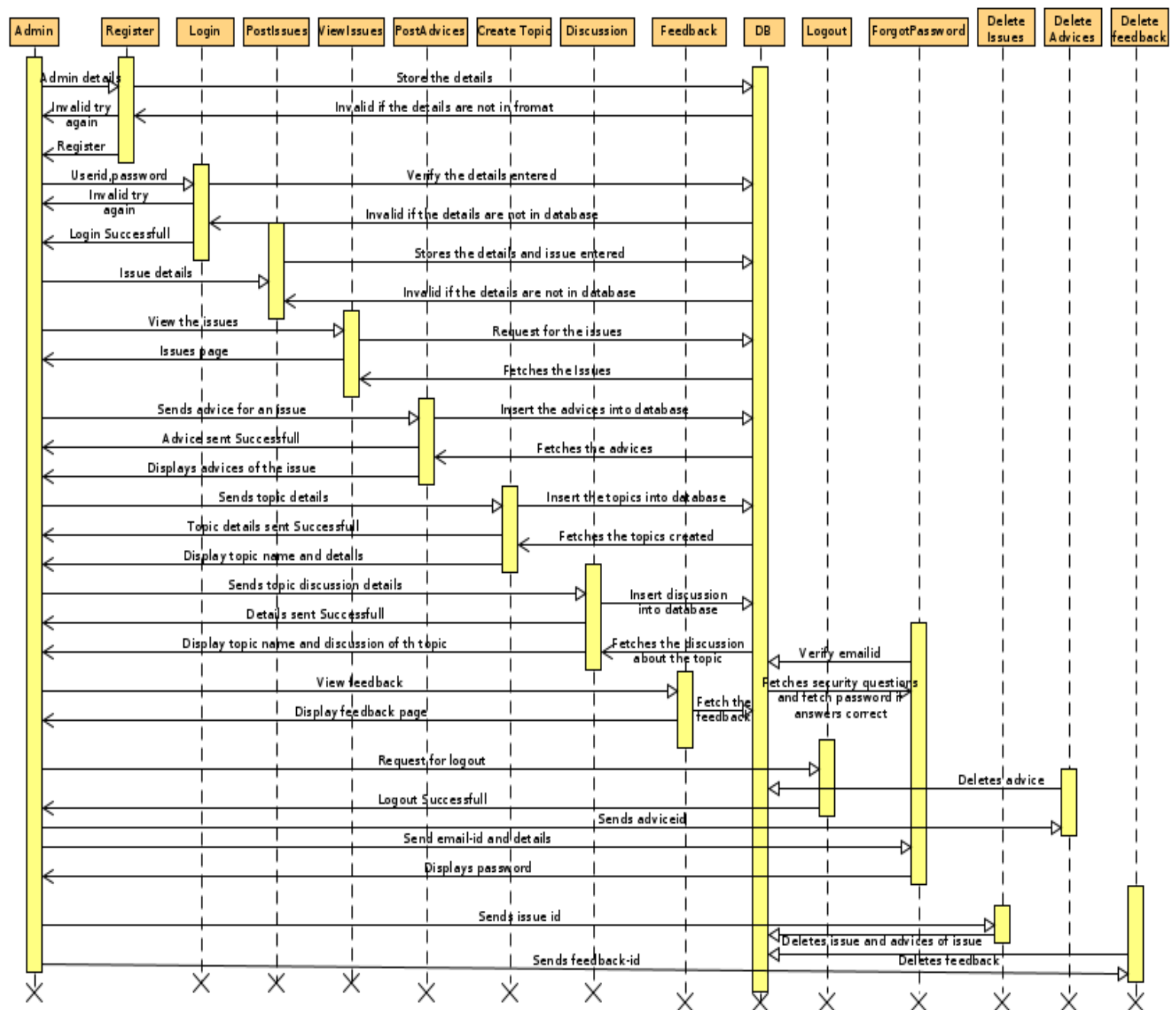


fig : Sequence diagram for Admin

## Sequence Diagram for User :

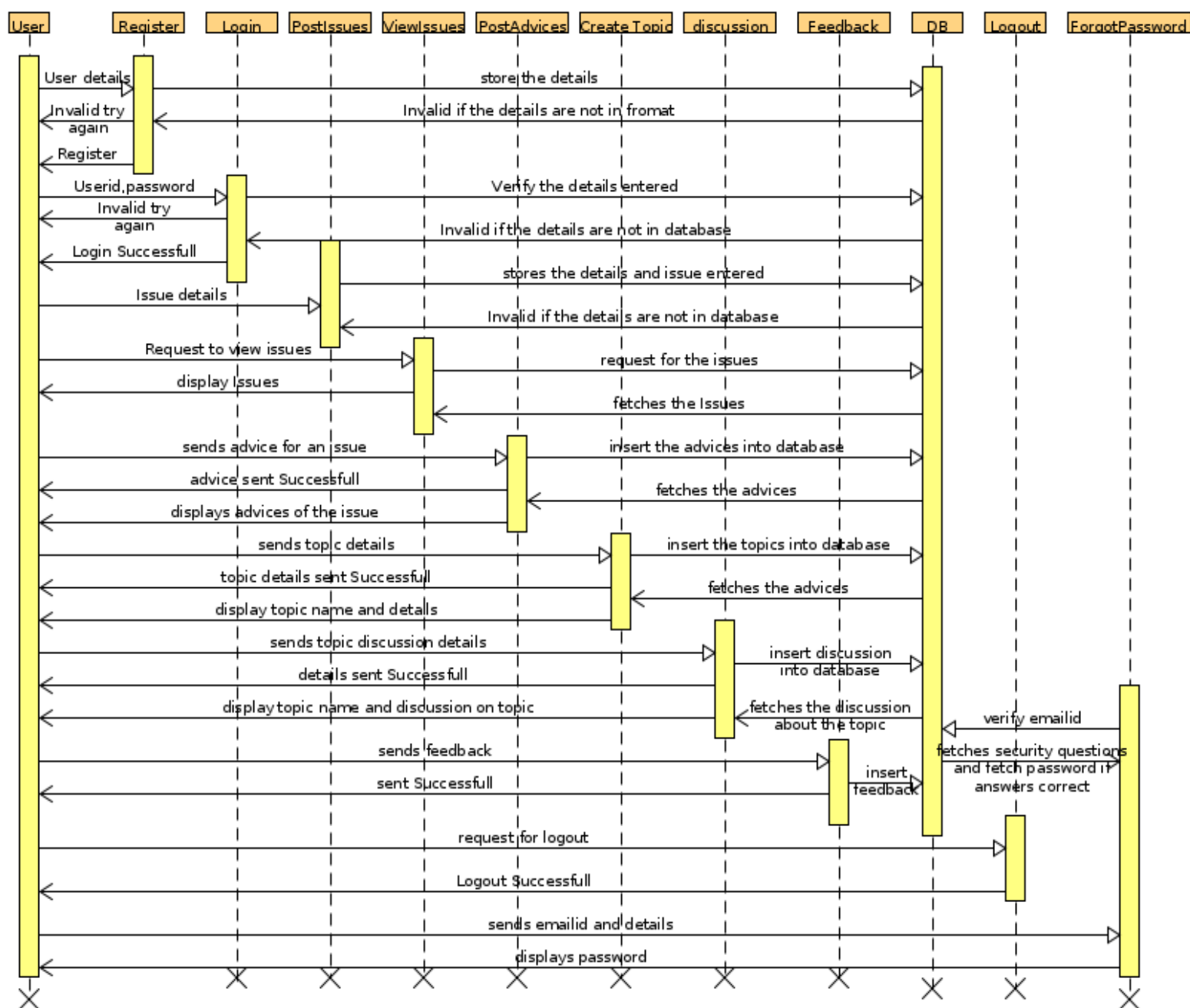
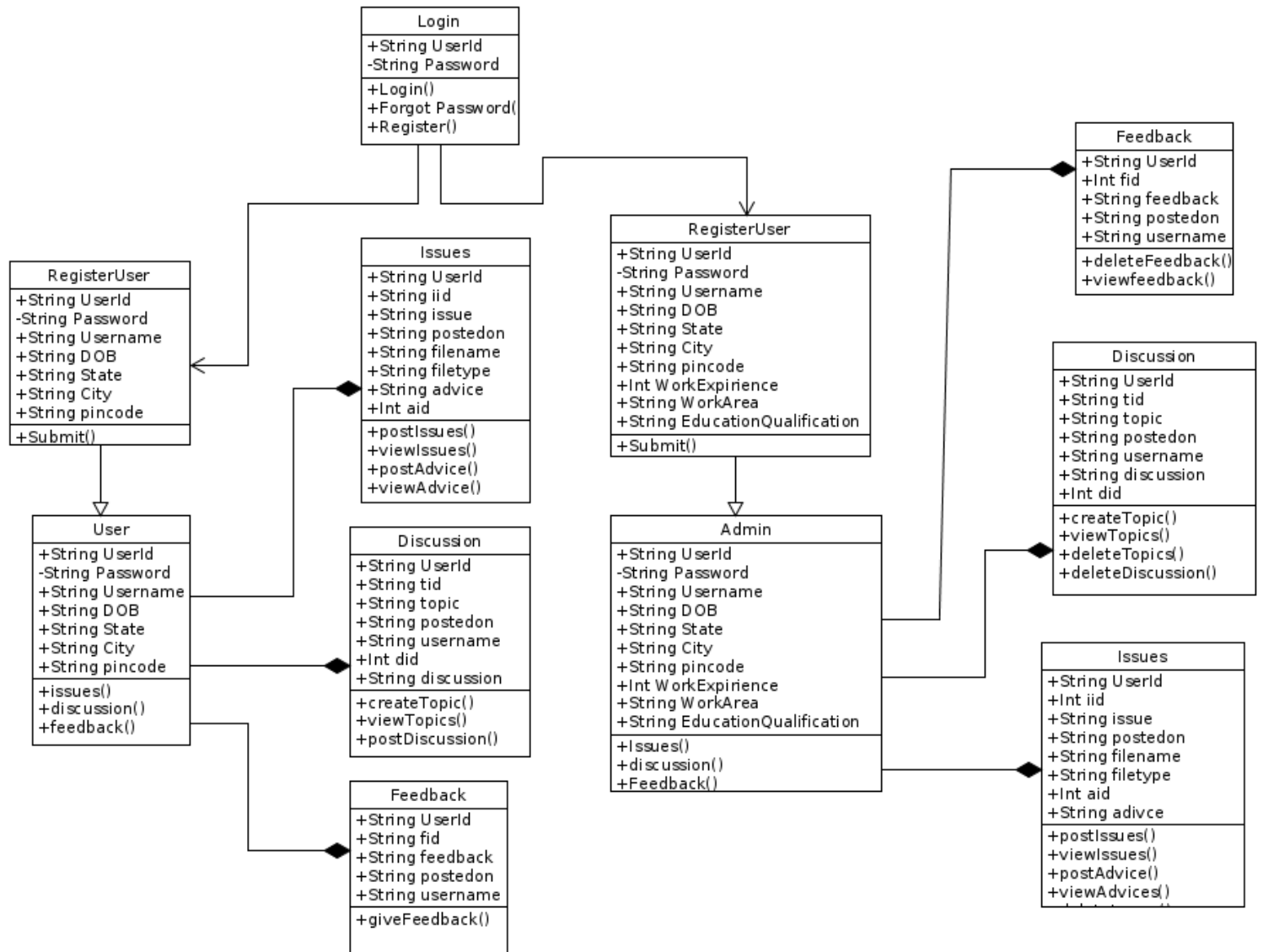


fig : sequence diagram for User

### 3.2.4 Class Diagram



### 3.3 Description of Components



## Admin

### Method 1 : Login

**Precondition :** Home page will be displayed to the Admin before he enters into the login page.

**Postcondition :** After he entered his details, the account details must be validated.

**Algorithm :** 1. Enter the Username.  
2. Enter the password.  
3. Click the login button.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

### Method 2 : Authentication

**Precondition :** Main page will be displayed to enter his account details.

**Postcondition :** If the entered details are valid, then the home page will be shown to him.

**Algorithm :** 1. Click on the login button after he entered details.  
2. If the details are valid home page will be displayed.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

### Method 3 : Register

**Precondition :** The user can send request to join him as Admin by clicking register as Admin.

**Postcondition :** Page will be shown to the User who wants to join as an Admin when click on register as Admin.

**Algorithm :** 1. Click on the register\_as\_Admin button.  
2. Page will be displayed to manage the users.

**Error Handling :** If the User is not authorized he must not able to access the site.

### Method 4 : Update profile

**Precondition :** The Admin must access the website or he/she has successfully logged into the site.

**Postcondition :** Page will be shown to the Admin to update his account.

**Algorithm :** 1. Click on the Update\_profile button.  
2. Page will be displayed to Update Admin account details.

**Error Handling :** If the Admin is not authorized he must not able to access the page.

### Method 5 : Change password

**Precondition :** Admin can change his password frequently for more secure.

**Postcondition :** Page will be shown to the Admin .

**Algorithm :** 1. Click on the User\_management button.  
2. Page will be displayed to manage the users.

**Error Handling :** If the owner is not authorized he must not able to access the site

### **Method 6 : Post Issues**

**Precondition :** The Admin can post issues he had.

**Postcondition :** Post issues page displayed

**Algorithm :** 1. Click the post issues button  
2. Post issues page will be displayed.

**Error Handling :** If the Admin is not authorized he must not able to access the page.

### **Method 7 : View Issues**

**Precondition :** The Admin should be able to view the issues has been posted.

**Postcondition :** Page will be shown to the Admin to view the issues been posted till now.

**Algorithm :** 1. Click on the View\_Issues button.  
2. Page will be displayed to Admin who has logged in.

**Error Handling :** If the Admin is not authorized he must not able to access the page.

### **Method 8 : Forgot password**

**Precondition :** The Admin can re-login even he forgot the password.

**Postcondition :** Page will be shown to the owner that the items are successfully delivered.

**Algorithm :** 1. Check the account details and payments details of users.  
2. Items will be delivered according to payments done for the Items.

**Error Handling :** If the owner is not authorized he must not able to access the site.

### **Method 9 : Delete Issue**

**Precondition :** The user must access the website or he/she has successfully logged into the site.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on Discuss button.  
2. Display the Discuss page.  
3. The Issue which Admin wants to deleted is deleted from the database and website.

**Error Handling :** Admin can delete the information user has sent.

### **Method 10 : Delete Advice**

**Precondition :** The user must access the website or he/she must logged into the site.

**Postcondition :** Display the page with a text to the user as an Admin.

**Algorithm :** 1. Click on Delete button.  
2. Display the advices page.  
3. The discussion Admin wants to delete will be deleted.

**Error Handling :** Admin can delete the advice by using it's id.

### **Method 11 : Delete Topic**

**Precondition :** The user must access the website or he/she must logged into the site as an Admin.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on View topics button.  
2. Display the Topics page.  
3. Clicks on delete button.  
4. The Topic which Admin wants to delete will be deleted.

**Error Handling :** Admin can delete the topic by using its id.

### **Method 12 : Delete Discussion**

**Precondition :** The user must access the website or he/she must logged into the site as an Admin.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on View\_Discussion button.  
2. Display the discussion page.  
3. The discussion Admin wants to delete will be deleted.

**Error Handling :** Admin can delete the discussion by using its id.

### **Method 13: Delete feedback**

**Precondition :** The user must access the website or he/she must logged into the site as an Admin.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on View\_feedback button.  
2. Display the feedback page.  
3. Clicks on delete.  
4. The feedback Admin wants to delete will be deleted.

**Error Handling :** Admin can delete the feedback by using its id.

### **Method 14 : Give Advice**

**Precondition :** The user should access the website or he/she has successfully logged into the site.

**Postcondition :** A page with a text area will be shown to the user.

**Algorithm :** 1. Click on the Advice button.  
2. Give advice page will be displayed with a text area.  
3. Posted advice will be stored into the database once after clicks on submit button.

**Error Handling :** If the user is not authorized he must not able to access the site.

### **Method 15 : Create topic**

**Precondition :** The user should access the website or he/she has successfully logged into the site.

**Postcondition :** Create topic page will be shown to the customer with a text area.

**Algorithm :** 1. Click on Create\_Topic  
2. Create topic page will displayed to the user.  
3. The topic can visible to all the users.

**Error Handling :** If the user is not authorized he must not able to access the site.

## Method 16 : Discuss

**Precondition :** The user must access the website or he/she has successfully logged into the site.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on Discuss button.  
2. Display the Discuss page.  
3. The Information or discussion you have written will be sent to the website.

**Error Handling :** Admin can delete the information user has sent.

## User

### Method 1 : Login

**Precondition :** Home page will be displayed to the user before he enters into the login page.

**Postcondition :** After he enters his details, the account details must be validated.

**Algorithm :** 1. Enter the Username.  
2. Enter the password.  
3. Click the login button.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

### Method 2 : Authentication

**Precondition :** Main page will be displayed to enter his account details.

**Postcondition :** If the entered details are valid, then the home page will be shown to him.

**Algorithm :** 1. Click on the login button after he entered details.  
2. If the details are valid home page will be displayed.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

### Method 3 : Register

**Precondition :** The user must access the website.

**Postcondition :** User will be the member of the website after submitting his details.

**Algorithm :** 1. Click on the register button.  
2. Details form will be shown to him.  
3. Click the submit button.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

#### **Method 4 : Register as Admin**

**Precondition :** The user must access the website.

**Postcondition :** User is sending request to Admins to join as an Admin to the website after submitting his details.

**Algorithm :** 1. Click on the register as Admin button.  
2. Details form will be shown to him.  
3. Click the submit button.

**Error Handling :** If he enters invalid account details the error message will be shown to him.

#### **Method 5 : Change password**

**Precondition :** User should be logged in.

**Postcondition :** The user must be a member(should have an account) of this site.

**Algorithm :** 1. Click on change password button.  
2. Enter old password so that it will be more secure and then type new password.  
3. The old password will be replaced by new password then displays message as 'Password has been changed successfully'..

**Error Handling :** Message will display to the user if the old password is wrong.

#### **Method 6 : Update Profile**

**Precondition :** The user should be logged in before updating his profile.

**Postcondition :** Page with editable form is shown to the user.

**Algorithm :** 1. Click on Update\_profile button  
2. Refill the details in profile page.  
3. User details will be replaced with old details in database.

**Error Handling :** Message will be shown to the user if the details were not filled out correctly.

#### **Method 7 : Post Issues**

**Precondition :** The user must access the website or he/she has successfully logged into the site.

**Postcondition :** Page with a text area details is shown to the user, the user must submit a proof kind of file to post an issue.

**Algorithm :** 1. Click on Post\_Issue button  
2. Enter the issue title and description of your issue.  
3. Upload an image as a proof to your problem.  
4. Your issue will be posted on to the site and everybody who has an account can see your issue.

**Error Handling :** File has to be uploaded as a proof otherwise an error message will appear.

### **Method 8 : View Issues**

**Precondition :** User should logged in with his valid details and he has to View the issues has been posted.

**Postcondition :** Posted issues will be displayed to the user.

**Algorithm :** 1. Click on View Issue button.  
2. User can see the issues has been posted.

**Error Handling :** If the user is not authorized he must not able to access the site.

### **Method 9 : Give Advice**

**Precondition :** The user should access the website or he/she has successfully logged into the site.

**Postcondition :** A page with a text area will be shown to the user.

**Algorithm :** 1. Click on the Advice button.  
2. Give advice page will be displayed with a text area.  
3. Posted advice will be stored into the database once after clicks on submit button.

**Error Handling :** If the user is not authorized he must not able to access the site.

### **Method 10 : Give feedback**

**Precondition :** The user must have logged in to the website.

**Postcondition :** The greetings will display to the user for submitting the feedback.

**Algorithm :** 1. Click on Give feedback button  
2. Display the greetings after the submitting the feedback.

**Error Handling :** User must make sure that he/she has to logged in before giving feedback.

### **Method 11 : Create topic**

**Precondition :** The user should access the website or he/she has successfully logged into the site.

**Postcondition :** Create topic page will be shown to the customer with a text area.

**Algorithm :** 1. Click on Create\_Topic  
2. Create topic page will displayed to the user.  
3. The topic can visible to all the users.

**Error Handling :** If the user is not authorized he must not able to access the site.

### **Method 12 : Discuss**

**Precondition :** The user must access the website or he/she has successfully logged into the site.

**Postcondition :** Display the page with a text to the user.

**Algorithm :** 1. Click on Discuss button.  
2. Display the Discuss page.  
3. The Information or discussion you have written will be send to the website.

**Error Handling :** Admin can delete the information user has sent.

### 3.4 Data architecture

Data collected from users are stored in the database in form of tables with which we manipulate corresponding records.

#### 3.4.1 Entity-Relation Diagram

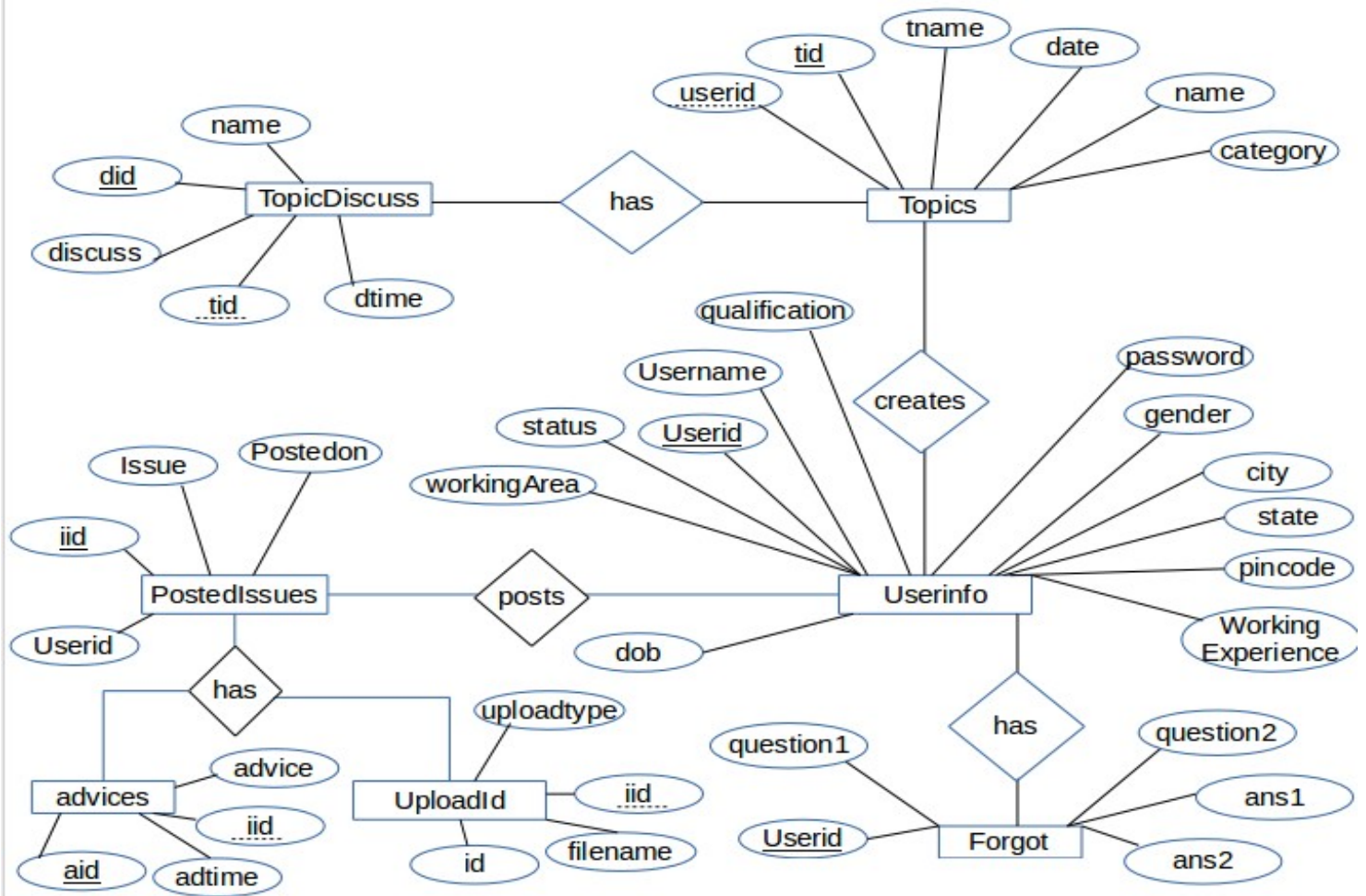


fig : Entity-relation diagram

### 3.5 Data Dictionary

**Table name: UserInfo**

Field Name	Field Type	Null
Userid	varchar(90)	No
Username	varchar(80)	No
DOB	varchar(15)	Yes
Password	varchar(20)	No
Gender	varchar(6)	No
Contact	varchar(15)	No
City	varchar(60)	No
Status	varchar(10)	No
Country	varchar(10)	Yes
pincode	Integer(4)	Yes
Qualification	varchar(100)	Yes
Work Area	varchar(100)	Yes
Work Experience	Integer(4)	Yes

**Table name: Advices**

Field Name	Field Type	Null
Aid	Integer(4)	No
Iid	BigInt(8)	Yes
Advice	varchar(1000)	Yes
Adtime	varchar(30)	Yes

**Table name: PostedIssues**

Field Name	Field Type	Null
Iid	Integer(4)	No
Userid	varchar(90)	Yes
Issue	varchar(1000)	Yes
Postedon	varchar(100)	Yes



**Table name: Topic**

Field Name	Field Type	Null
Tid	Integer(4)	No
Tname	varchar(10)	Yes
Date	varchar(30)	Yes
Name	varchar(80)	Yes
Category	varchar(30)	Yes
Userid	varchar(90)	No

**Table name: TopicDiscuss**

Field Name	Field Type	Null
Did	Integer(4)	No
Tid	Integer(4)	Yes
Name	varchar(80)	Yes
Discuss	varchar(200)	Yes
Dtime	varchar(20)	Yes

**Table name: UploadId**

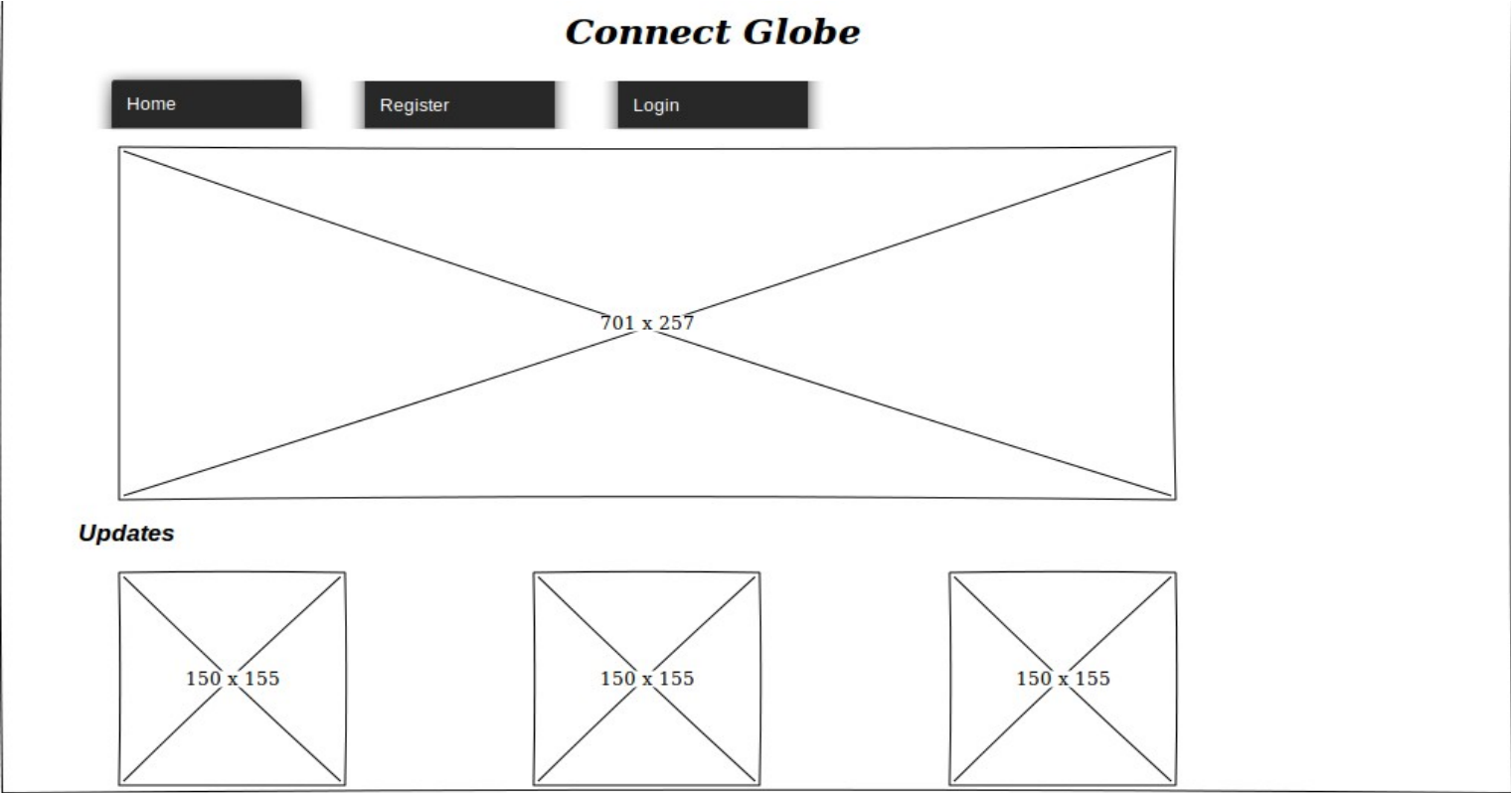
Field Name	Field Type	Null
Id	Integer(4)	No
Uploadtype	varchar(30)	Yes
Iid	BigInt(8)	Yes
Filename	varchar(200)	Yes

**Table name:Forgot**

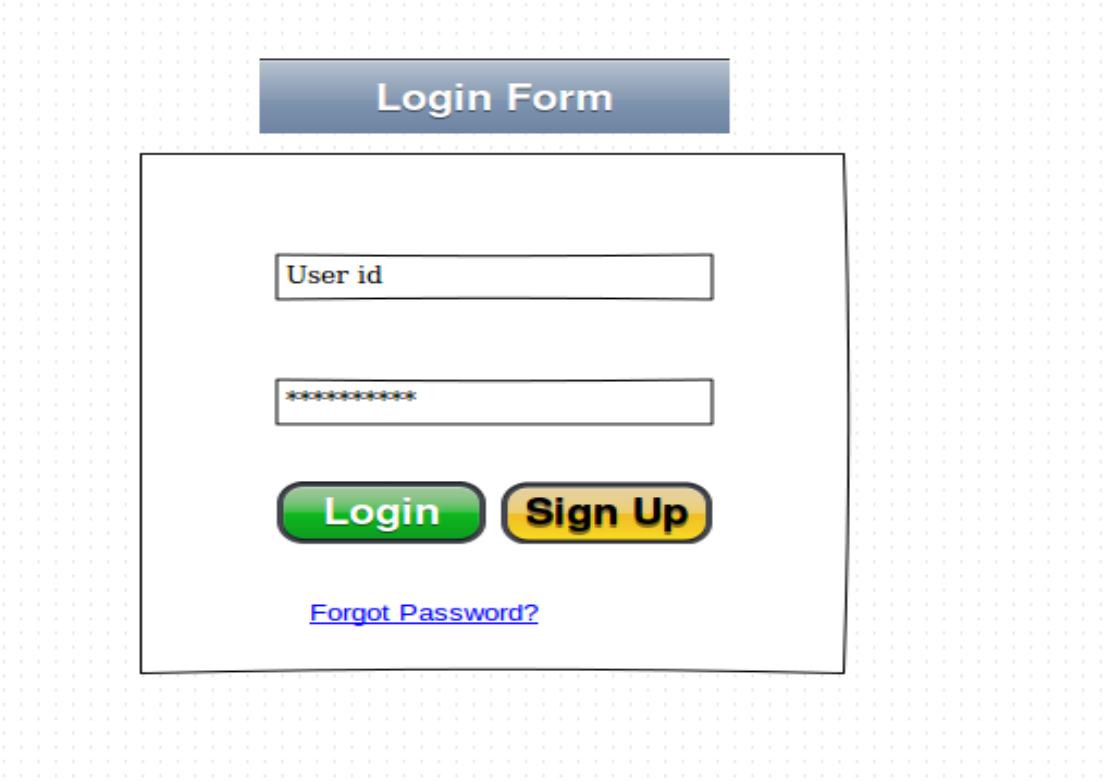
Field Name	Field Type	Null
Userid	Integer(4)	No
Feedback	varchar(100)	Yes
Question1	varchar(100)	Yes
Question2	varchar(100)	Yes
Ans1	varchar(100)	Yes
Ans2	varchar(100)	Yes

# 3.6 GUI Module

## Home page



## Login



## Registration

Register

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Register

Register as admin

## Create Topic

Post Topic

Category ▼

Posted on :

Post topic

Back

Post

Cancel

## Give Feedback

**Give Feedback**

Date :

Type your Feedback here

Back

Submit

## Give Advice

**Give Advice**

Date :

Write your Advice here.

Back

Submit

View Advices

View Advices

Group

Posted on:DD/MM/YYYY

Posted By: User name

Advice1

Give Advice

mail to police

mail to media

Delete

Group

Posted on:DD/MM/YYYY

Posted By: User name

Advice2

Give Advice

mail to police

mail to media

Delete

Back

**View Issues page for Administrator**

**View Issues**

Group

Posted on:DD/MM/YYYY

Posted By: User name

Advice1

Give Advice

mail to police

mail to media

Delete

Group

Posted on:DD/MM/YYYY

Posted By: User name

Advice2

Give Advice

mail to police

mail to media

Delete

Back

**View Feedback page for User**

**View Feedback**

Group

Posted on:DD/MM/YYYY

Posted By: User name

Feedback1

Group

Posted on:DD/MM/YYYY

Posted By: User name

Feedback2

Group

Posted on:DD/MM/YYYY

Posted By: User name

Feedback3

Back

**View Issues page for User**

**View Issues**

Group

Posted on:DD/MM/YYYY

Issue1

Give Advice

Group

Posted on:DD/MM/YYYY

Issue12

Give Advice

Back



## Admin Registration page

Admin Register

Username

Email id

Date of Birth

City

Work Experience

Work Area

\*\*\*\*\*

Contact

Education qualification

State

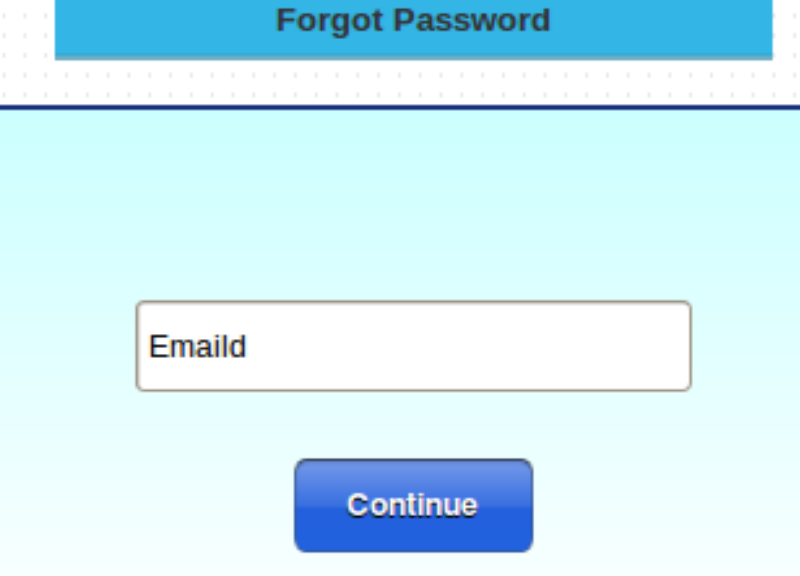
Gender:

☐ Male

☐ Female

Join as Admin

## Forgot Password page

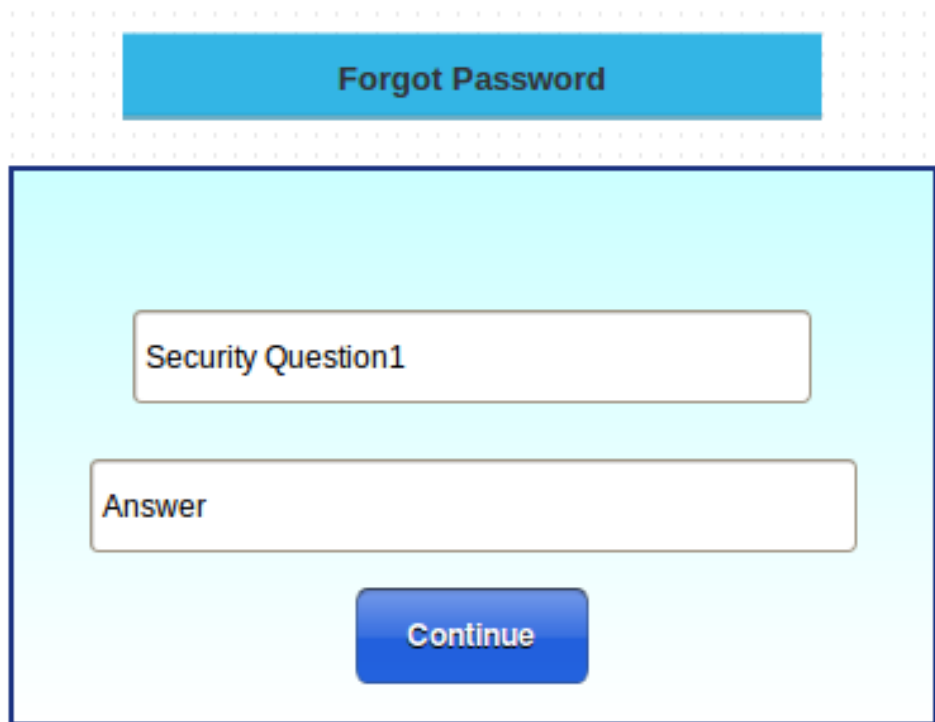


**Forgot Password**

Email

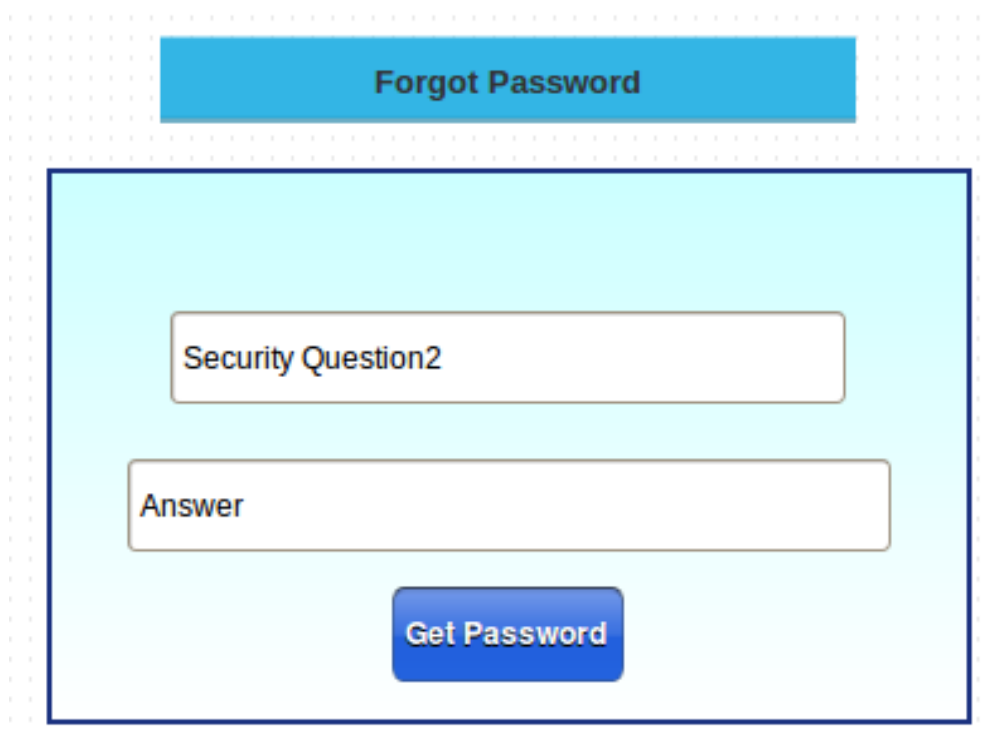
**Continue**

## Forgot password page 2



A screenshot of a web form titled "Forgot Password" in a blue header bar. The form is set against a light blue background with a dark blue border. It contains two text input fields: the first is labeled "Security Question1" and the second is labeled "Answer". Below these fields is a blue button with the text "Continue".

## Forgot password page 3



A screenshot of a web form titled "Forgot Password" in a blue header bar. The form is set against a light blue background with a dark blue border. It contains two text input fields: the first is labeled "Security Question2" and the second is labeled "Answer". Below these fields is a blue button with the text "Get Password".

## Post Issues

**Post Issue**

Date :

Post issue here

**Back**

**Submit**

## Change Profile

**Change Profile**

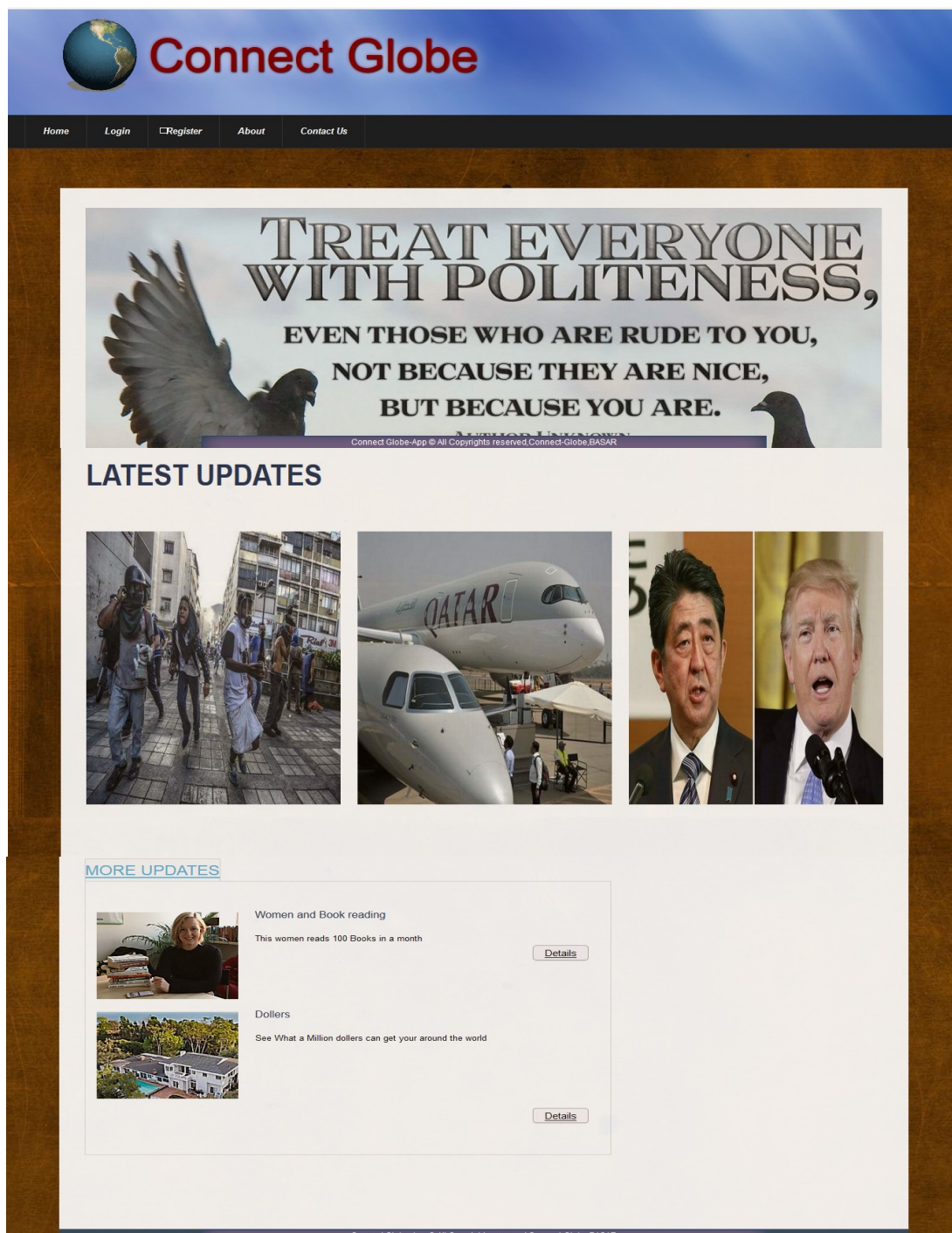
**Change**

## 4. Implementation and Screen shots

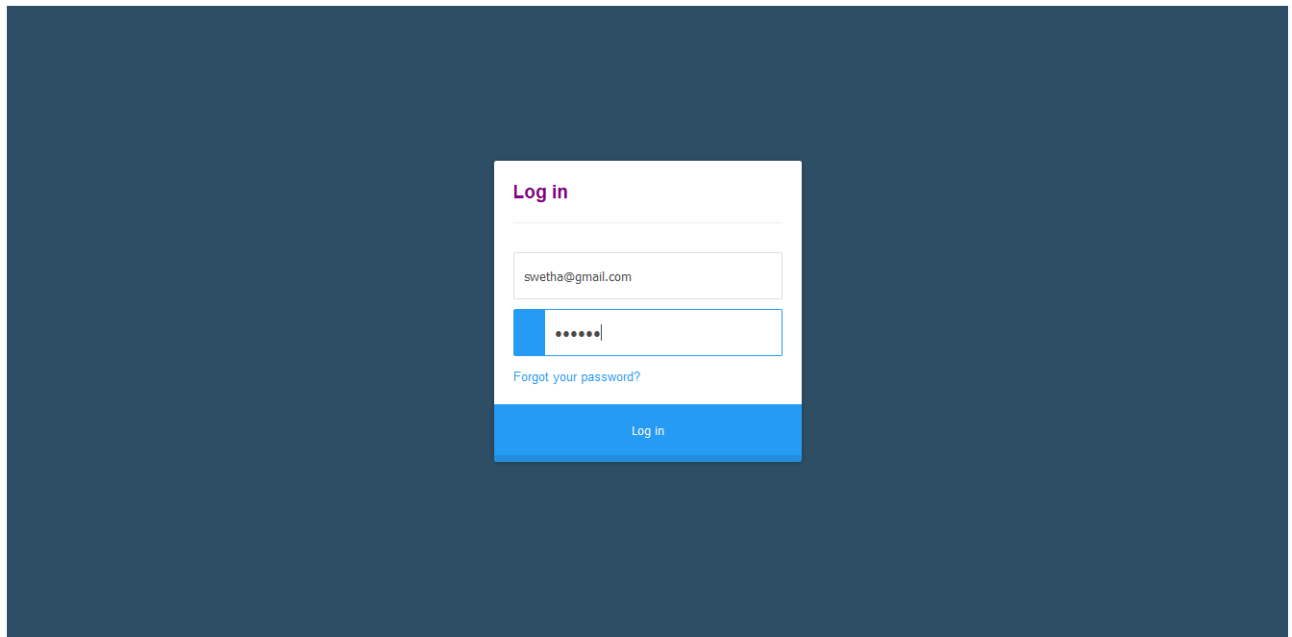
### 4.1 Introduction

This project implemented with using Java Servlet, DB2 and JSP. It will be capable of running on standard Internet web browsers, although, the project is designed primarily around mozilla Firefox. The interface of this project will provide a useful information. It will be useful for people to complain on their issues to police. People create a topic for discussion among the users and make a useful discussion.

#### Home page

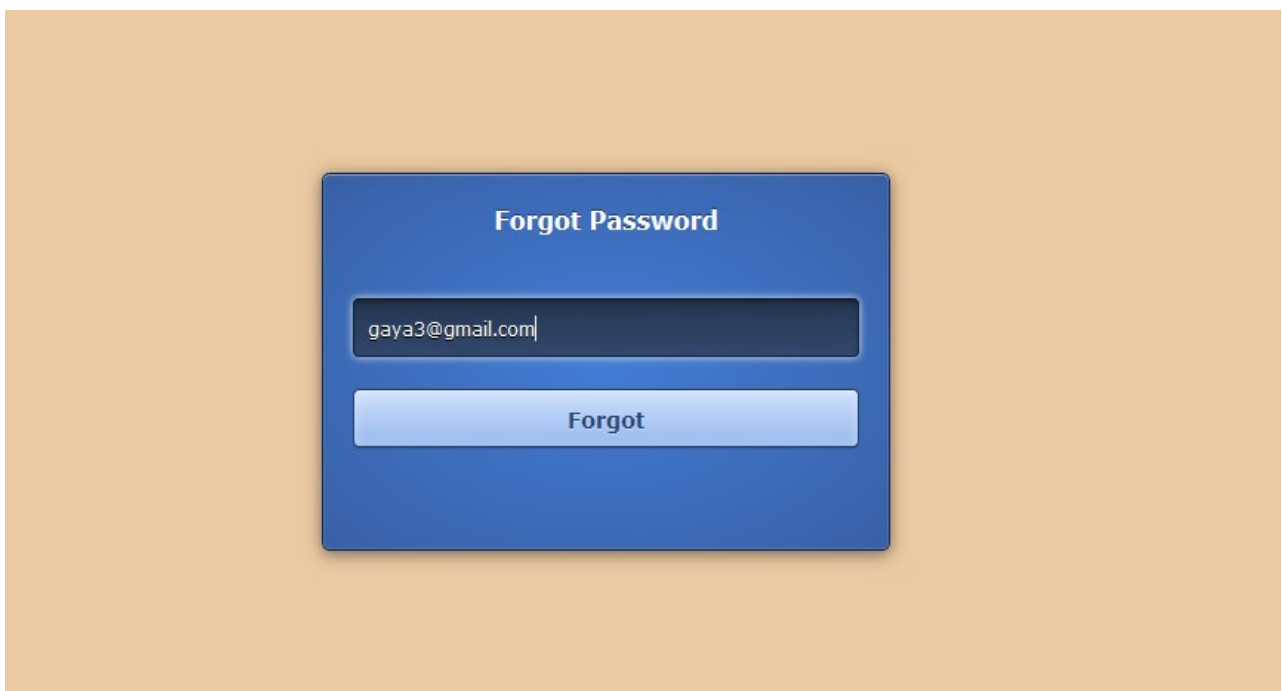


### 4.3 Login page




The login page features a dark blue background. A white login form is centered, titled "Log in" in purple. It contains two input fields: the first for the email address "swetha@gmail.com" and the second for the password, which is masked with dots. Below the password field is a link "Forgot your password?". At the bottom of the form is a blue button labeled "Log in".

### 4.5 Forgot Password page



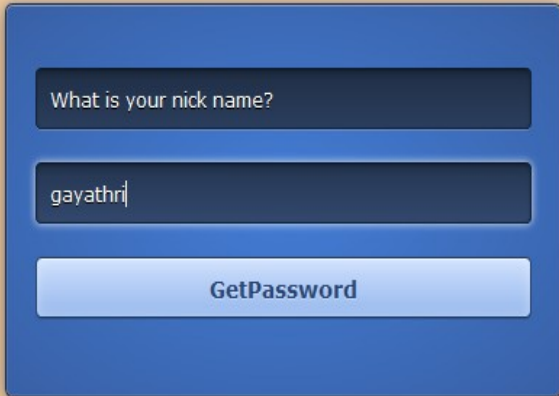
The forgot password page has a light orange background. A blue form box is centered, titled "Forgot Password" in white. It contains a dark input field with the email address "gaya3@gmail.com". Below the input field is a light blue button labeled "Forgot".

**Forgot Password-> Security Question no. 1:**



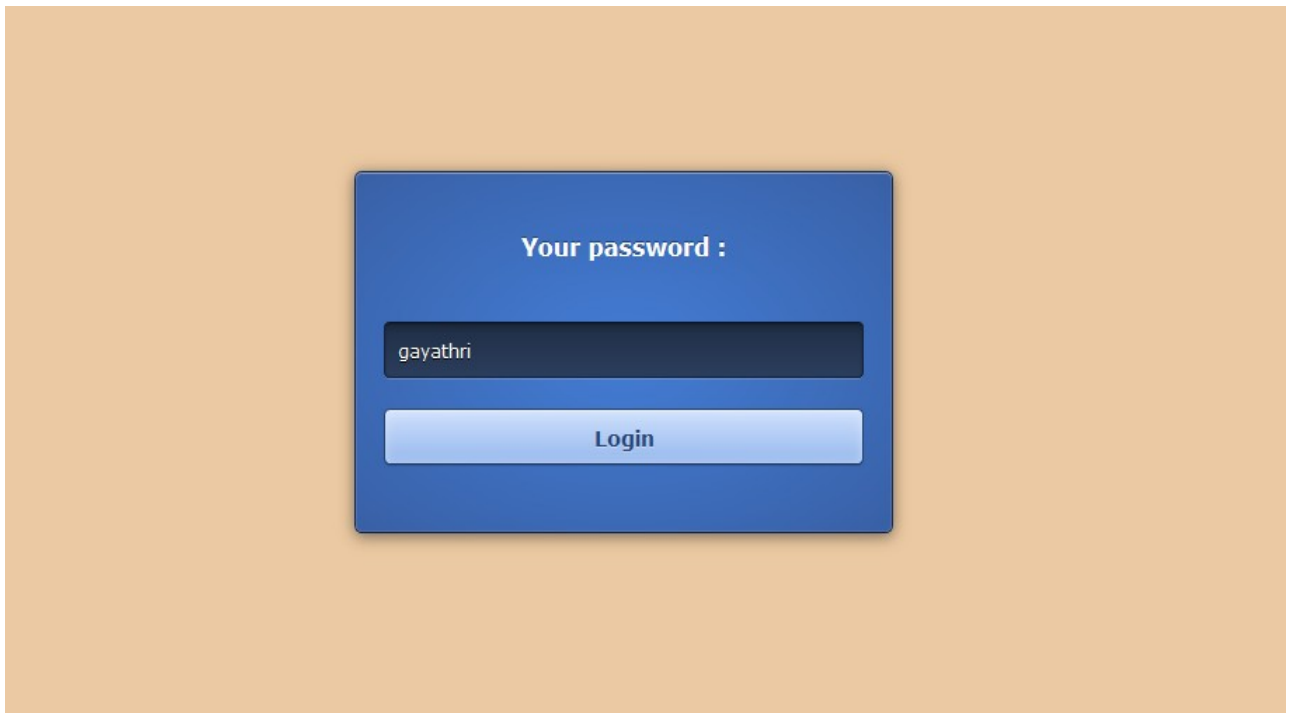
A blue rectangular dialog box with rounded corners is centered on a light orange background. Inside the dialog, there is a dark blue label "What is your first pet name?". Below the label is a dark blue text input field containing the text "dog". At the bottom of the dialog is a light blue button with the text "Next>>" in dark blue.

**Forgot Password → Security Question n. 2:**



A blue rectangular dialog box with rounded corners is centered on a light orange background. Inside the dialog, there is a dark blue label "What is your nick name?". Below the label is a dark blue text input field containing the text "gayathri". At the bottom of the dialog is a light blue button with the text "GetPassword" in dark blue.

## Forgot Password ->Show Password



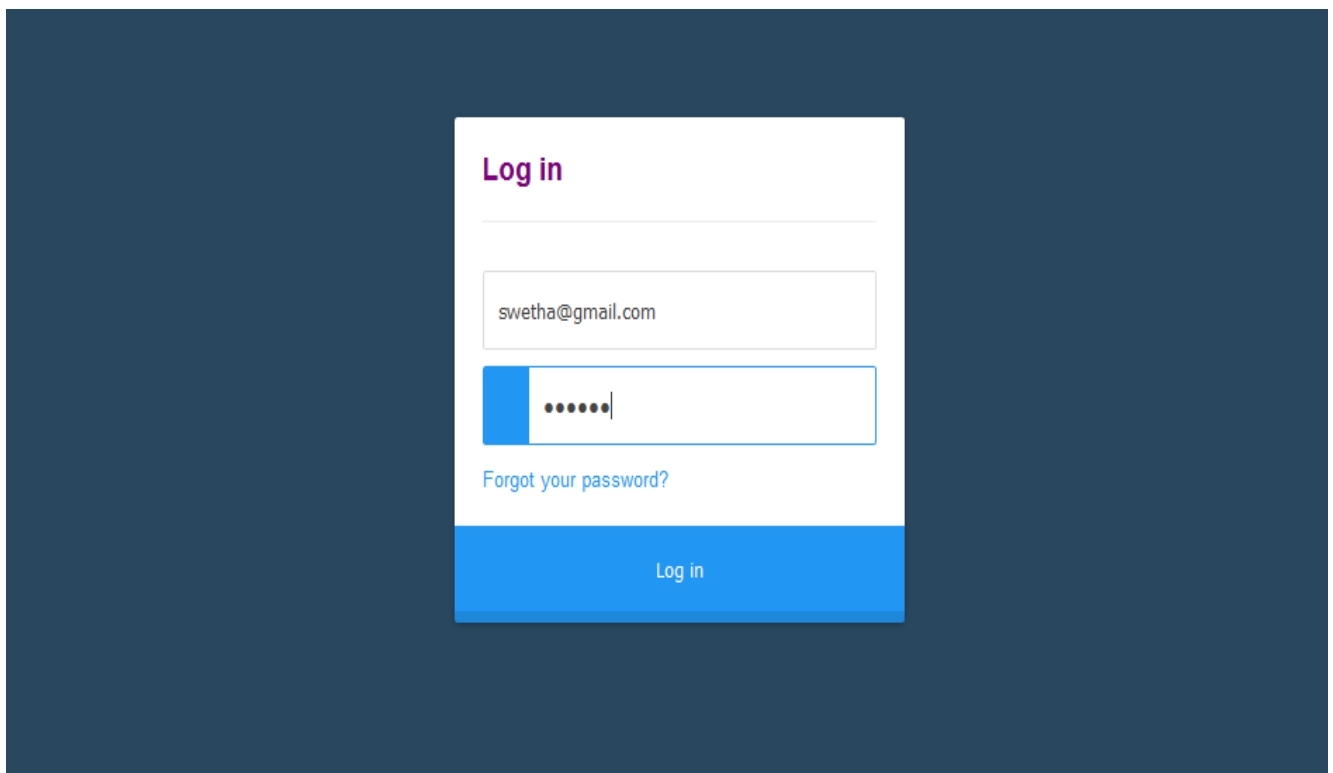
A screenshot of a web form titled "Your password :" on a blue background. The form is a dark blue rectangle with a white border. It contains a text input field with the text "gayathri" and a light blue "Login" button below it.

Your password :

gayathri

Login

## Login



A screenshot of a web form titled "Log in" on a dark blue background. The form is a white rectangle with a blue border. It contains a text input field with the text "swetha@gmail.com", a password input field with a blue background and a white border, and a "Log in" button below it. There is also a link "Forgot your password?" below the password field.

Log in

swetha@gmail.com

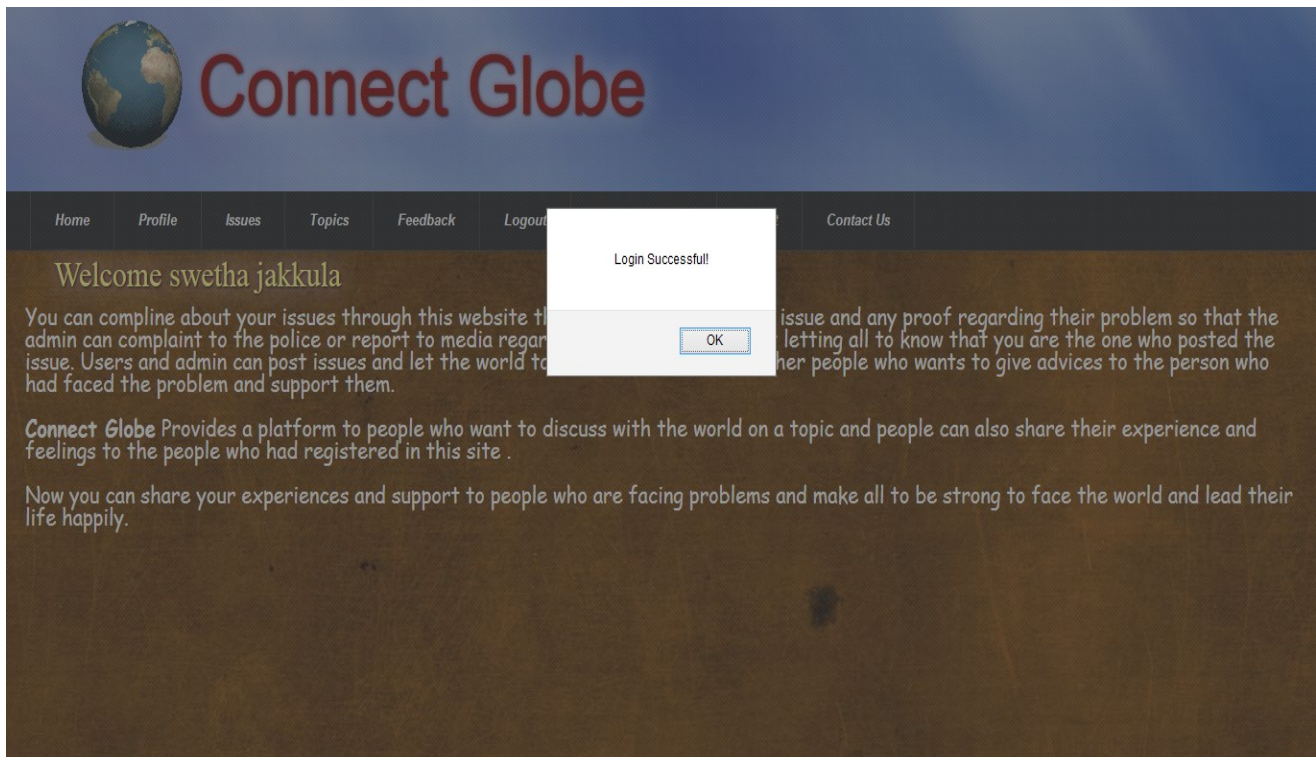
.....

[Forgot your password?](#)

Log in



## After successful Login



## Update Profile


The screenshot displays the "Update Profile" form on the Connect Globe website. The form is titled "Update Profile" and contains the following fields and options:

- Email: swetha@gmail.com
- Username: swetha.jakkula
- Phone Number: 1-8-1997
- Country: Select Country (dropdown menu)
- State: Telangana (dropdown menu)
- Pin Code: 9491652816
- Gender: ☐ Male ☒ Female
- Buttons: Update, Reload Profile

The footer of the page reads: "Connect Globe-App © All Copyrights reserved, Connect-Globe.BASAR".



## Change Password



# Connect Globe

[Home](#) [Profile](#) [Issues](#) [Topics](#) [Feedback](#) [Logout](#) [Admins Request](#) [About](#) [Contact Us](#)

### ChangePassword

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## Post Issue



# Connect Globe

[Home](#) [Profile](#) [Issues](#) [Topics](#) [Feedback](#) [Logout](#) [Admins Request](#) [About](#) [Contact Us](#)

### Post Your Issue Here


Posted On : 2017/07/31 23:51:24

When i am crossing my street road some people came and try to tease me then i captured one image i don't know how to give complaint on them.

EVE.jpg

Note : Send if you have any image or video or audio of the issue... Don't feel fear to send

## View Issues




# Connect Globe

[Home](#)[Profile](#)[Issues](#)[Topics](#)[Feedback](#)[Logout](#)[Admins Request](#)[About](#)[Contact Us](#)

Posted-On : 2017/08/01 00:03:42


Issue : When i am crossing my street road some people came to me and try to tease me some how i crossed them and capture an image of them. I don't know ho

Uploaded file : 

[mailto:police](#)[mailto:media](#)[delete](#)[ViewAdvices](#)[GiveAdvice](#)

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## Give Advice



# Connect Globe

[Home](#)[Profile](#)[Issues](#)[Topics](#)[Feedback](#)[Logout](#)[Admins Request](#)[About](#)[Contact Us](#)

### Give Your Advice

PostedOn : 2017/08/01 00:03:42

Issue : When i am crossing my street road some people came to me and try to tease me some how i crossed them and capture an image of them. I don't know how to give compliant on them

Date & Time : 2017/08/01 00:15:27

Font Size...Font Familv...Font Format

Dear admins of the Connect Globe please try to inform the issue to media or police station. |

sendAdvice



## Mail to Police

### Mail To Police

Enter Recipient:

policeservicesBasar@gmail.com

Subject:

To complain about eve teasing crime

Message:

Hello sir,  
We are contacting you for sake of complaining about an issue we got, That regards about eve teasing. We are having an evidence with us.  
  
We are requesting you to kindly go through the attachments.

SendMail

## Topics

### Create Topic



# Connect Globe

[Home](#) [Profile](#) [Issues](#) [Topics](#) [Feedback](#) [Logout](#) [Admins Request](#) [About](#) [Contact Us](#)

### Create Topic Here

Current Date : 2017/08/01 00:18:50


Social

Font Size... Font Family Font Format

Corruption

Create

## View Topics




# Connect Globe

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Created-On : 2017/08/01 00:18:50

Created-By : swetha jakkula

Topic : Corruption

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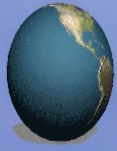
Date & Time : 2017/08/01 00:20:54

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We can stop corruption only by not to encourage corruption that means not giving money to them.

Post

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We can stop corruption only by not to encourage corruption that means not giving money to them.<br>



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## Request for Admin



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EmailId	Gender	Qualification	Workarea	Workexperience	Country	City	Pincode	
priyaa@gmail.com	female	M.Tech	Mumbai	3	India	Telangana	567890	Accept
EmailId	Gender	Qualification	Workarea	Workexperience	Country	City	Pincode	
swe@gmail.com	female	B.Tech	hyderabad	3	India	Telangana	567890	Accept

## 5. Software Test Documentation

### 5.1 Module Name: User Registration

#### 5.1.1 Introduction :

##### **System Overview:**

Whenever a new user wants to open and see about this Connect Globe website the user should enter his/her email id and all details correctly. That registered details will be stored into the database.

##### **Test Approaches:**

- i) Black box testing: Unit Testing

#### 5.1.2 Test Plan

##### **Functionalities:**

The functionality of this module is to get the details from the new users and store them into the database.

**Features to be tested:** User ID, Email ID, Mobile Number, Age.

**Features not to be tested:** Full name, Address.

#### 5.1.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** Connect Globe1

**Test Case:** valid Email ID, Mobile Number, Age

**Purpose:** To get details from the user and store them into the database

**Input Data Requirements:** Enter User Details

**Expected Results:** Details should be stored into database

**Pass/Fail:** Pass

## 5.2 Module Name: Login

### 5.2.1 Introduction

#### **System Overview:**

Whenever user entered Userid and password it will match with the database values. If the details are matched user or Admin will be successfully logged in.

#### **Test Approaches:**

- i) Black box testing: Unit Testing

### 5.2.2 Test Plan

#### **Functionalities:**

The main aim of this module is to get the User ID and password and match with the database values.

**Features to be tested:** User ID and password

**Features not to be tested:** none

### 5.2.3 Test Cases

#### **Case:** GUI Tests

**Test Case ID:** Connect Globe2

**Test Case:** valid User ID, invalid password.

**Purpose:** to alert the user to enter correct password.

**Input Data Requirements:** User ID and password

**Output:** alert(fail)

**Pass/Fail:** pass

#### **Test Case ID:** Connect Globe3

**Test Case:** Invalid User ID, valid password

**Description:** To alert the user to enter correct User ID.

**Input Data Requirements:** User ID and password.

**Output:** alert(fail)

**Pass/Fail:** pass.

#### **Test Case ID:** Connect Globe4

**Test Case:** Invalid User ID , Invalid password

**Description:** to alert the user to enter proper User ID and password.

**Input Data Requirements:** User ID and password.

**Output:** alert

**Pass/Fail:** pass

#### **Test Case ID:** ConnectGlobe5

**Test Case:** valid ID , valid password

**Description:** values are check with the database values.

**Input Data Requirements:** User ID and password.

**Expected Results:** Successful login.

**Pass/Fail:** Pass



## 5.3 Module Name: Forgot password

### 5.3.1 Introduction

**System Overview:**

If user forgets his password the Site will provide a section to show password which will contain security questions.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.3.2 Test Plan

**Functionalities:**

The Functionality of this feature is to get old password in database.

**Features to be tested:** Answers for the security questions.

**Features not to be tested:** none

### 5.3.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** Connect Globe6

**Test Case:** second security question, answer.

**Purpose:** to get the old password.

**Input Data Requirements:** answers for the security questions displayed.

**Output:** Displays the old password.

**Pass/Fail:** Pass

## 5.4 Module Name: Admin Registration

### 5.4.1 Introduction

#### **System Overview:**

If user want to join as an Admin for the website by sending a request to the Admin through Admin registration.

#### **Test Approaches:**

- i) Black box testing: Unit Testing

### 5.4.2 Test Plan

#### **Functionalities:**

The functionality of this module is to join users as Admins who are interested and eligible join as Admin.

**Features to be tested:** none

**Features not to be tested:** none

### 5.4.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe6

**Test Case:** details incorrect

**Purpose:** To accept users who are eligible, as Administrators

**Input Data Requirements:** Complete information and details from user.

**Output:** Sends request to Admins.

**Pass/Fail:** pass

## 5.5 Module Name: Delete Issues

### 5.5.1 Introduction

**System Overview:**

The issue and it's corresponding advices will be deleted from the database.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.5.2 Test Plan

**Functionalities:**

The Functionality of this feature is to delete issues and advices from the database.

**Features to be tested:** issues id

**Features not to be tested:** none

### 5.5.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe8

**Test Case:** none

**Purpose:** It will delete the issue and it's advices.

**Input Data Requirements:** click on delete button

**Output:** It will delete the issue and advices and files corresponding to the issue.

**Pass/Fail:** pass.

## 5.6 Module Name: Delete Advice

### 5.6.1 Introduction

**System Overview:** The advice which is not necessary will be deleted from the database.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.6.2 Test Plan

**Functionalities:**

The functionality of this feature is to delete the advice which Admin wants to delete.

**Features to be tested:** advice id

**Features not to be tested:** none

### 5.6.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe9

**Test Case:** none

**Purpose:** It will delete the corresponding advice from the database.

**Input Data Requirements:** click on delete button so that the advice id can pass to the query.

**Output:** Delete advice from the database.

**Pass/Fail:** pass.

## 5.7 Module Name: Delete Feedback

### 5.7.1 Introduction

**System Overview:** Admin can delete feedback from the website and database.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.7.2 Test Plan

**Functionalities:**

The functionality of this feature is to delete the feedback from the database.

**Features to be tested:** feedback id of the feedback.

**Features not to be tested:** none

### 5.7.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe10

**Test Case:** none

**Purpose:** This functionality will helps to delete feedback which is not necessary or unwanted to the Admin.

**Input Data Requirements:** Feedback id

**Output:** Delete the selected feedback from the database.

**Pass/Fail:** pass.

## 5.8 Module Name: Post Issue

### 5.8.1 Introduction

**System Overview:**

This functionality will helps the User/Admin to send their issues into the website.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.8.2 Test Plan

**Functionalities:**

The functionality of this feature is to allow the user to send the issue into the website.

**Features to be tested:** none

**Features not to be tested:** none

### 5.8.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe11

**Test Case:** none

**Purpose:** It will display a web page with a text area to type the issue and a button to send that issue to the website.

**Input Data Requirements:** Issue and a photograph or video or an audio file as proof for the issue he/she wants to be send.

**Output:** Sends the issue to the website and let all users to see and advice for the issue.

**Pass/Fail:** pass.

## 5.9 Module Name: Give Advice

### 5.9.1 Introduction

**System Overview:** It helps the users to give advice for an issue.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.9.2 Test Plan

**Functionalities:**

The functionality of this feature is to provide an opportunity to registered users to give advices for the issues.

**Features to be tested:** Advice and issue id.

**Features not to be tested:** none

### 5.9.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe12

**Test Case:** none

**Purpose:** It will display a page with a text area to write the advice and send to the website.

**Input Data Requirements:** Advice and issue id.

**Output:** The entered advice will be assign to the particular issue that sender has selected and that advice is visible to all of the registered Users of this website.

**Pass/Fail:**pass

## 5.10 Module Name: Send Feedback

### 5.10.1 Introduction

**System Overview:** It will provide an opportunity for the user to give feedback about the website..

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.10.2 Test Plan

**Functionalities:**

The functionality of this feature is to get feedback from the user and develop according to their requirements, Admins can check this and delete some feedbacks.

**Features to be tested:** none

**Features not to be tested:** none

### 5.10.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe13

**Test Case:** none

**Purpose:** It will be helpful for the Admins to improve the website according to the users requirement, Users can give feedback about the website.

**Input Data Requirements:** click on Give\_feedback.

**Output:** By this functionality the users can send their feedback to the website.

**Pass/Fail:** pass

## 5.11 Module Name: Create Topic

### 5.11.1 Introduction

**System Overview:** This functionality is useful for the users or Admins to create a particular topic and make a useful discussion among all the users.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.11.2 Test Plan

**Functionalities:**

The functionality of this feature is to make this website to improve the knowledge of users who are registered. The users can create a topic and discuss with the other experts who has good knowledge on that particular topic. This will help the users to know more about the topic.

**Features to be tested:** Category, Topic name

**Features not to be tested:** none

### 5.11.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe14

**Test Case:** none

**Purpose:** Connect Globe website provides an opportunity to the users to improve their knowledge by making useful discussion among all the experts who has a very good knowledge about the topic.

**Input Data Requirements:** Category.

**Output:** The created Topic will be seen by everybody who has registered.

**Pass/Fail:** pass

## 5.12 Module Name: Discussion

### 5.12.1 Introduction

**System Overview:** This functionality is used to make discussion for the created topic.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.12.2 Test Plan

**Functionalities:**

Functionality of this feature is to make a discussion for the topic by giving his/her opinion or information he/she knows.

**Features to be tested:** none

**Features not to be tested:** none

### 5.12.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe15

**Test Case:** none

**Purpose:** It will provide a chance to the users to make discussion by sharing his/her knowledge.

**Input Data Requirements:** click on discussion button.

**Output:** Sends the information shared by the logged in user into the website.

**Pass/Fail:** Pass

## 5.13 Module Name: View Issues

### 5.13.1 Introduction

**System Overview:** It helps the user to view Issues sent by users.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.13.2 Test Plan

**Functionalities:**

Functionality of this feature allows the user to see Issues that are sent by the users.

**Features to be tested:** none

**Features not to be tested:** none

### 5.13.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe16

**Test Case:** none

**Purpose:** The purpose of this module is to see Issues that are sent by users.

**Input Data Requirements:** click on view Issues.

**Output:** User can see Posted Issues.

**Pass/Fail:** pass



## 5.14 Module Name: View Advice

### 5.14.1 Introduction

**System Overview:** It helps users to view advices posted for an issue by all of the registered Users.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.14.2 Test Plan

**Functionalities:**

Functionality of this feature allows the User to see advices sent by the users.

**Features to be tested:** none

**Features not to be tested:** none

### 5.14.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe18

**Test Case:** none

**Purpose:** The purpose of this module is to see Advices sent by users.

**Input Data Requirements:** click on view Advices

**Output:** Users logged in can see the Advices.

**Pass/Fail:** pass

## 5.15 Module Name: View Feedback

### 5.15.1 Introduction

**System Overview:** It helps Admin to view feedback sent by users.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.15.2 Test Plan

**Functionalities:**

Functionality of this feature allows the Admin to see feedback that is sent by the users.

**Features to be tested:** none

**Features not to be tested:** none

### 5.15.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe18

**Test Case:** none

**Purpose:** The purpose of this module is to see feedback that is sent by users.

**Input Data Requirements:** click on view feedback

**Output:** Admin can see the feedback

**Pass/Fail:** pass

## 5.16 Module Name: View Discussion

### 5.16.1 Introduction

**System Overview:** It helps users to view discussion sent by users.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.16.2 Test Plan

**Functionalities:**

Functionality of this feature allows the users to see discussion that is sent by the users.

**Features to be tested:** none

**Features not to be tested:** none

### 5.16.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe18

**Test Case:** none

**Purpose:** The purpose of this module is to see discussion that is sent by users.

**Input Data Requirements:** click on view discussion

**Output:** User can see the discussion.

**Pass/Fail:** pass

## 5.17 Module Name: View Topic

### 5.17.1 Introduction

**System Overview:** It helps users to view Topics sent by users.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.17.2 Test Plan

**Functionalities:**

Functionality of this feature allows the users to see topics that is posted by the users.

**Features to be tested:** none

**Features not to be tested:** none

### 5.17.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe19

**Test Case:** none

**Purpose:** The purpose of this module is to see Topics that is posted by users.

**Input Data Requirements:** click on view Topics

**Output:** User can see the Topics created.

**Pass/Fail:** pass

## 5.18 Module Name: Request for Admin

### 5.18.1 Introduction

**System Overview:** It helps the user to send a request to the Admin that he wants to be one of the Admin in Connect Globe website.

**Test Approaches:**

i) Black box testing: Unit Testing

### 5.18.2 Test Plan

**Functionalities:**

Functionality of this feature is to send a request to the Admin that he wants to be one of the Admin in Connect Globe website.

**Features to be tested:** Username, password, Email ID, Mobile Number, Work Experience, Work area, Pin-code.

**Features not to be tested:** none

### 5.18.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe20

**Test Case:** Username, password, Email ID, Mobile

**Purpose:** The purpose of this module is to send a request to the Admin.

**Input Data Requirements:** Sending the Request by clicking on the submit button after filling the details of register as Admin form.

**Output:** Sends the request

**Pass/Fail:** pass

## 5.19 Module Name: Change password

### 5.19.1 Introduction

#### **System Overview:**

This functionality is useful for the users to change their password frequently that makes their account more secure.

#### **Test Approaches:**

- i) Black box testing: Unit Testing

### 5.19.2 Test Plan

#### **Functionalities:**

Functionality of this feature is to provide the chance to Users to change their password.

**Features to be tested:** none

**Features not to be tested:** none

### 5.19.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe22

**Test Case:** none

**Purpose:** To make account of a user to more secure by changing their password frequently.

**Input Data Requirements:** click on Change password button after logged in.

**Output:** The user can get the new password which he wants.

**Pass/Fail:** pass.

## 5.20 Module Name: Update Profile

### 5.20.1 Introduction

**System Overview:**

This functionality useful for the Users to update their profile every time.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.20.2 Test Plan

**Functionalities:**

Functionality of this feature is to provide a facility of updating the profile of every user.

**Features to be tested:** none

**Features not to be tested:** none

### 5.20.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe21

**Test Case:** none

**Purpose:** User can update his profile whenever he wants to change.

**Input Data Requirements:** click on Update\_profile button after logged in.

**Output:**User will update his profile whenever he wants.

**Pass/Fail:** pass.

## 5.21 Module Name: Mail to Police

### 5.21.1 Introduction

#### **System Overview:**

This functionality useful for the Admin to mail to police about an issue and forward the evidence the user has sent.

#### **Test Approaches:**

- i) Black box testing: Unit Testing

### 5.21.2 Test Plan

#### **Functionalities:**

The functionality of this feature is to provide a facility of informing police about the issue without going to police station.

**Features to be tested:** none

**Features not to be tested:** none

### 5.21.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe21

**Test Case:** none

**Purpose:** Admin can mail to police about the issue if he thinks it is mandatory to inform.

**Input Data Requirements:** click on mail\_to\_police.

**Output:** Admin can inform to police about the particular Issue.

**Pass/Fail:** pass.

## 5.22 Module Name: Mail to Media

### 5.22.1 Introduction

**System Overview:**

This functionality useful for the Admins to mail to media about an issue and forward the evidence the user has sent.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.22.2 Test Plan

**Functionalities:**

The functionality of this feature is to provide a facility of informing media about the issue.

**Features to be tested:** none

**Features not to be tested:** none

### 5.22.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe21

**Test Case:** none

**Purpose:** Admin can mail to media about the issue if he thinks it is mandatory to inform.

**Input Data Requirements:** click on mail\_to\_media.

**Output:** Admin can inform to media about the particular Issue.

**Pass/Fail:** pass.

## 5.23 Module Name: Logout

### 5.23.1 Introduction

**System Overview:**

Whenever a registered person wants to quit from our website he/she can be able to click the logout button. Then he/she can be return back to the home page.

**Test Approaches:**

- i) Black box testing: Unit Testing

### 5.23.2 Test Plan

**Functionalities:**

The functionality of this feature is to logout from a particular web page

**Features to be tested:** none

**Features not to be tested:** none

### 5.23.3 Test Cases

**Case:** GUI Tests

**Test Case ID:** ConnectGlobe23

**Test Case:** none

**Purpose:** To quit from a particular web page and return back to the home page.

**Input Data Requirements:** click on logout button

**Output:**User will be logged out from the website.

**Pass/Fail:** pass.



## 7. Conclusion

We have completed successfully Connect Globe project with good team work. Our main aim is to provide all Users to improve their knowledge by actively participating in discussion. And the users can post their issues and experiences through this website. Users or Admin can advice for an issue. Depending on the problem the Admin can inform the issue to the police or media. By this way the users can get benefit of solve their problems without going into the police station and can get many advices for their issues. We have developed functionalities like delete the issues and advices and all the unnecessary things and this functionalities are permitted to use only for Administrators. We also implemented functionalities like change password, update password, forgot password and update profile to provide a good facilities to the user. To provide a good user interface to the user we have used CSS and JavaScript. We have used Java Servlets to connect with the database. This system is user friendly, It provides services to maximum number of users without any fail. By doing this we came to know how to make use of diagrams for understanding the purpose of each functionality. All these diagrams made us to understand our project clearly.