

GLA UNIVERSITY



12-B Status from UGC

TOPIC : MINI PROJECT SYNOPSIS ON : Community Forum Website

Submitted By

Name: Anikesh Mani Tripathi

Id : 2215000232

Name: Rajat Yadav

Id : 2215001416

Name: Vikash

Id : 2215001951

Submitted to:

Faculty Name: **Mr. Udayveer singh**

DECLARATION

We, the undersigned, hereby declare that the project titled "**Community Forum Website**" submitted to **GLA UNIVERSITY** is the original work of our team. This project has been completed by us as part of the Computer Science Engineering, under the guidance of **Mr. Udayveer Singh**.

We confirm that the work presented in this project is our own, has not been copied from any source, and has not been submitted previously for the award of any degree, diploma, or certification at any other institution.

All sources of information used in this project have been duly acknowledged.

Anikesh Mani Tripathi

Rajat Yadav

Vikash

Acknowledgement

I would like to express my sincere gratitude to all those who supported me during the completion of this crowdfunding platform project.

First, I want to thank **Mr. Udayveer Singh** for their guidance and advice throughout the project. Their support helped me a lot in improving my work.

A special thanks goes to my friends for their unwavering support and understanding throughout this journey. Their belief in my abilities inspired me to give my best effort.

I would also like to extend my appreciation to my peers and colleagues, whose input helped me improve various aspects of the platform.

Finally, I would like to acknowledge the various resources and tools, including online tutorials, libraries, and development platforms, that facilitated the creation of this project. Without these invaluable resources, this project would not have been possible.

Thank you all for your support and encouragement!

Certificate

This is to certify that the report titled "**Community Forum Website**" has been successfully completed and submitted by **Anikesh Mani Tripathi, Rajat Yadav, Vikash** under the guidance of **Mr Udeyveer Singh**.

This report is a part of the project undertaken for **GLA University** during **Sep - Nov**. The findings, analysis, and content presented in this report are original and created with utmost dedication and professionalism.

We extend our sincere gratitude to all those who have contributed to the successful completion of this report.

INDEX

S.No	Topic
1	Introduction/ abstract/title
2	System Requirements
3	Hardware Requirements
4	Front End and Back End
5	Idea
6	Objective
7	COMPLETE CODE
8	SCREENSHOT WORKING
9	BIBLIOGRAPHY
10	References

INTRODUCTION: A **community forum website** is an online platform designed to facilitate discussions, information sharing, and collaboration among individuals who share common interests or goals. These forums provide a structured environment where users can post queries, share knowledge, and engage in meaningful conversations with others.

About the project: A **community forum website** is a web-based platform designed to bring people together to share ideas, seek help, and discuss topics of mutual interest. These websites serve as digital spaces where members can interact, contribute knowledge, and collaborate in an organized manner.

Key aspects of a community forum website include

- Purpose and Functionality
- Features
- Benefits

Primary Reason to Choose This Project:

The decision to develop a **community forum website** was driven by the following key reasons:

1. Fostering Connections and Knowledge Sharing

- In an increasingly digital world, people seek platforms where they can engage in meaningful conversations, share expertise, and connect with like-minded individuals. A community forum provides an ideal environment for such interactions.

2. Addressing the Need for Organized Discussions

- Social media platforms often lack structure for in-depth or topic-specific discussions. A forum website organizes content by categories and threads, ensuring users can easily navigate and contribute to relevant discussions.

3. Creating a Lasting Knowledge Base

- Unlike chat-based platforms, forums archive discussions, turning them into a searchable repository of knowledge that benefits current and future users.

4. Learning and Skill Development

- For the team, this project provides an opportunity to enhance skills in web development, user experience design, database management, and community engagement strategies.

Main Objectives of the Project:

The primary objectives of the **Community Forum Website** project are:

1. Facilitate Meaningful Discussions

- Provide a platform where users can engage in structured and topic-specific conversations to share ideas, opinions, and experiences.

2. Create a Knowledge Repository

- Develop a centralized and searchable archive of user-generated content, enabling future users to benefit from past discussions and solutions.

3. Enable Problem-Solving

- Offer a platform where users can seek assistance and solutions for challenges, leveraging collective knowledge and expertise.

4. Ensure User-Friendly Navigation

- Design an intuitive interface with features like search, filters, and categorization, making it easy for users to find relevant content and participate in discussions.

5. Support Community Moderation

- Implement tools for moderators and administrators to maintain a respectful, safe, and well-organized environment for all users.

6. Encourage Continuous Learning and Growth

- Provide features like notifications, trending topics, and user rewards (e.g., badges, points) to motivate active engagement and learning.

By achieving these objectives, the project aims to create a robust and sustainable platform that serves as a valuable resource for the community it caters to.

Scope of the project:

The **Community Forum Website** project encompasses the development, implementation, and maintenance of a platform designed to facilitate structured discussions and community engagement.

Working Methodology of the Community Forum Website Project

The development and execution of the **Community Forum Website** follow a structured methodology to ensure successful completion and functionality. Below is a step-by-step description of the working methodology:

1. Planning Phase

- **Requirement Gathering:**
 - Collaborate with stakeholders to define project goals, features, and target audience.
 - Identify functional and non-functional requirements.
- **Project Roadmap:**
 - Develop a timeline with milestones for design, development, testing, and deployment.

2. Design Phase

- **System Architecture Design:**
 - Define the overall architecture, including front-end, back-end, database, and hosting solutions.
- **User Interface (UI) Design:**
 - Design an intuitive and visually appealing interface that enhances user experience (UX).

3. Development Phase

- **Front-End Development:**
 - Use HTML, CSS, and JavaScript frameworks
- **Back-End Development:**
 - Implement server-side logic using frameworks Node.js, or Express JS
- **Database Design:**
 - Create a relational or NoSQL database structure to store user data, threads, posts, and metadata.

Hardware and Software Requirements for the Community Forum Website Project

Below are the details of the hardware and software needed for development, deployment, and running the platform, along with the basic system requirements.

1. Hardware Requirements

Development Environment

- **Processor:** Intel i5 or AMD Ryzen 5 (or better)
- **RAM:** Minimum 8 GB (16 GB recommended for efficient multitasking)
- **Storage:** 256 GB SSD (512 GB recommended for faster read/write operations)
- **Display:** 1080p resolution or higher
- **Network:** Stable internet connection for accessing resources, testing, and deployment.

2. Software Requirements

Development Tools

- **Code Editor/IDE:** Visual Studio Code
- **Version Control:** Git with repositories hosted on platforms like GitHub or GitLab.
- **Database Management Tools:** MySQL Workbench
- **Frameworks:**
 - **Front-End:** HTML, CSS, JS
 - **Back-End:** Node.js (JavaScript), or Express

Module Description for the Community Forum Website Project

The **Community Forum Website** is divided into distinct modules, each addressing a specific functionality. Below is a detailed description of the key modules:

1. User Management Module

Purpose: Handles user registration, authentication, and profile management.

- **Features:**
 - User registration (with email/phone verification or third-party login).
 - Login/logout functionality with secure authentication (e.g., password hashing, OAuth).
 - Profile management: update profile picture, bio, and preferences.
 - Roles and permissions: admin, moderator, and regular user access levels.

2. Discussion Management Module

Purpose: Facilitates the creation, organization, and participation in

discussions.

- **Features:**

- Thread creation: start new topics under specific categories.
- Post and reply: add comments and nested replies to discussions.
- Content formatting: rich-text editor for creating posts with images, links, and media.
- Content tagging: use tags to improve searchability and categorization.

Code Screen Shot:

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <link rel="stylesheet" href="/assets/css/general.css" />
7     <link rel="stylesheet" href="/assets/css/header.css" />
8     <link rel="stylesheet" href="/assets/css/subscribe.css" />
9     <link rel="stylesheet" href="/assets/css/footer.css" />
10    <link rel="shortcut icon" href="/assets/img/Forum logo.jpg" type="image/x-icon">
11    <title>join Know</title>
12  </head>
13  <body>
```

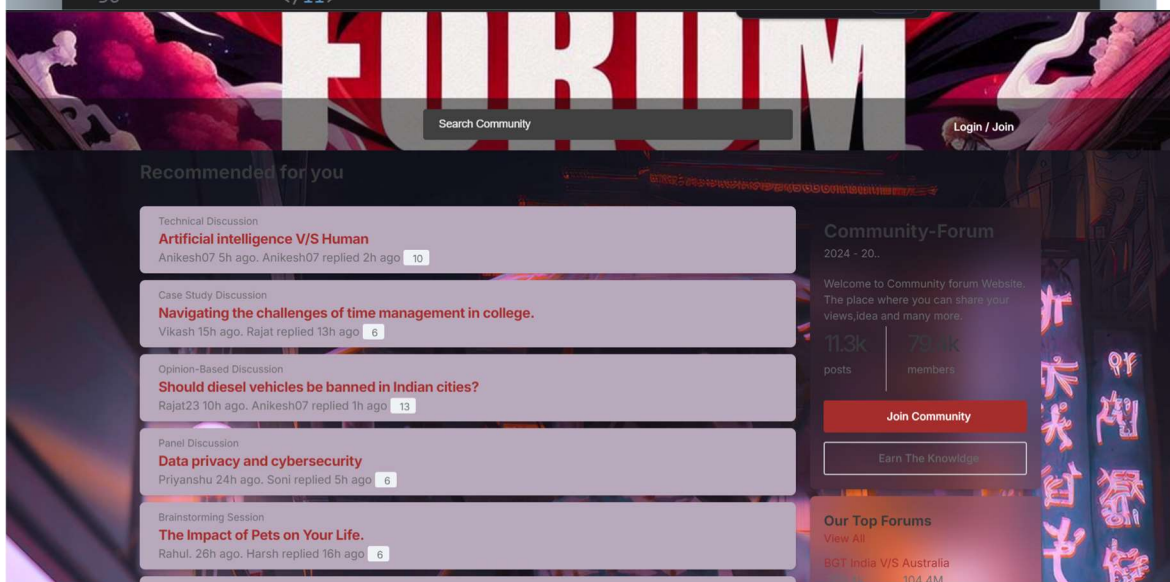
```
1 @import url('https://fonts.googleapis.com/css2?family=Montserrat:wght@300;400;500;600;700&display=swap');
2
3 *{
4   margin: 0;
5   padding: 0;
6   box-sizing: border-box;
7   font-family: 'Montserrat', sans-serif;
8 }
9
10 body{
11   background-image: url("/assets/img/Anime-Desktop-Wallpaper.jpg");
12   background-position: center;
13   display: flex;
14   align-items: center;
15   justify-content: center;
16   flex-direction: column;
17   height: 100vh;
18   background-repeat: no-repeat;
19   background-size: cover;
20 }
21
22 .container{
23   /* background-color: #fff; */
24   /* background-image: url(/assets/img/Forum\ logo.jpg); */
25   backdrop-filter: blur(10px);
26   background-position: center;
27   background-repeat: no-repeat;
28   background-size: cover;
29   border-radius: 30px;
30   box-shadow: 0 5px 15px rgba(0, 0, 0, 0.35);
31   position: relative;
32   overflow: hidden;
33   width: 600px;
34   max-width: 100%;
35   min-height: 390px;
36 }
```

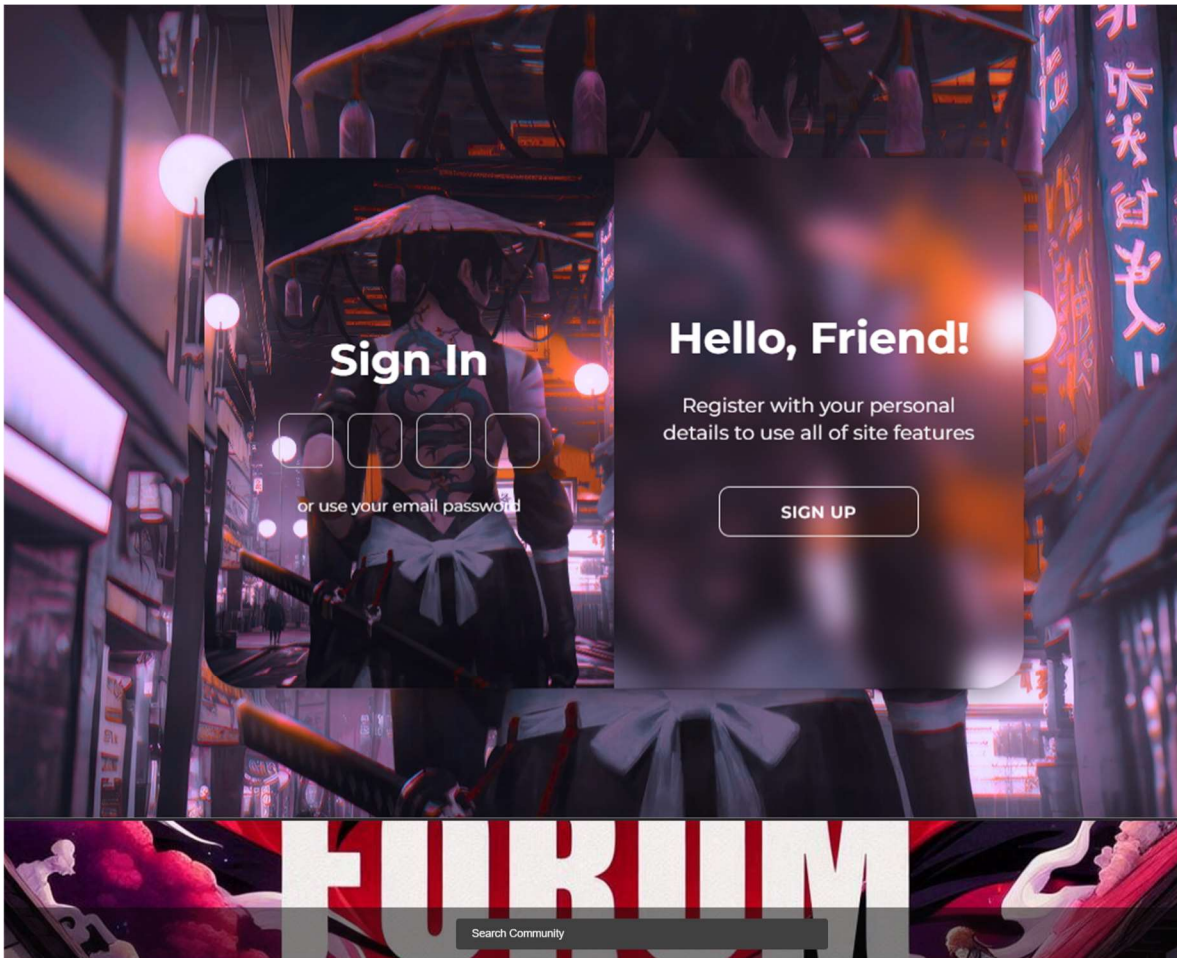
```
1  <!-- header -->
2  <header class="header" id="header">
3    <div class="row">
4      <div class="container">
5        <div class="header-content">
6          <div class="logo">
7            <a href="index.html"
8              ></a>
9          </div>
10         <div class="nav-search">
11           <div class="form-group">
12             <input type="text" placeholder="Search Community" />
13             <i class="fa-solid fa-magnifying-glass"></i>
14           </div>
15         </div>
16         <div class="nav-group">
17           <ul>
18             <li>
19               <a href="#"><i class="fa-solid fa-comment"></i></a>
20             </li>
21             <li>
22               <a href="#"><i class="fa-solid fa-list-ul"></i></a>
23             </li>
24             <li>
25               <a href="#">
26                 <i class="fa-solid fa-user"></i>
27                 <!-- <span>login / join</span> -->
28               </a>
29             </li>
30             <li>
31               <a href="#"><i class="fa-solid fa-ellipsis-vertical"></i></a>
32             </li>
33           </ul>
34         </div>
35       </div>
36     </div>
37   </div>
38 </header>
```

```

1  <!-- Main -->
2  <main>
3      <section class="subscribe">
4          <div class="container">
5              <h3>
6                  Help support the growth of Honda Shadow Forums and get some great
7                  features in return
8              </h3>
9              <div class="row">
10                 <div class="box">
11                     <h2>Basic membership</h2>
12                     <p class="free">Free</p>
13                     <a href="register.html" class="btn btn-white">Sign up for free</a>
14                     <ul class="privileges">
15                         <li>Includes banner ads</li>
16                         <li>Access to public forums</li>
17                     </ul>
18                 </div>
19                 <div class="box">
20                     <h2>Plus membership</h2>
21                     <div class="prices">
22                         <ul>
23                             <li class="active" data-price="monthly">Monthly</li>
24                             <li data-price="yearly">Yearly <span>Save 19%</span></li>
25                         </ul>
26                         <p class="price monthly active">$4.99 USD per month</p>
27                         <p class="price yearly"><s>$59.88 USD</s> $49.99 USD per 12 months</p>
28                     </div>
29                     <a href="#" class="btn btn-red">Sign up for plus</a>
30                     <ul class="privileges">
31                         <li>
32                             <i class="fa-solid fa-check"></i> Banner ad-free browsing
33                         </li>
34                         <li>
35                             <i class="fa-solid fa-check"></i> Access to premium forums
36                         </li>

```





Help support the growth of Community
Forums and get some great features in return

Basic membership	Plus membership
Free	<div>MonthlyYearlySave 19%</div>
<div>Sign up for free</div>	<div>Sign up for plus</div>
Includes banner ads Access to public forums	Banner ad-free browsing Access to premium forums Plus badge Renews every month

What's included in Community Forums Plus?

Forums Plus includes banner ad-free browsing, access to premium forums, and a supporter badge.

How does my membership support Community Forums?

Your Plus membership contributes to operations, maintenance, and upgrades for Community Forums.

What are my payment options?

We offer two payment options: credit card and PayPal. Subscriptions automatically renew at the end of your term.










What's the cancellation policy?

You can cancel your Plus membership at any time; however, we do not provide refunds. Once you cancel, your Plus benefits continue until the end of your subscription period, and your subscription will not automatically renew.

Got questions about subscription membership? [Contact Us](#)
 Get in touch with us, we'd love to help you out

[Contact Us](#)

1 • `SELECT * FROM nodejs.loginuser;`

Result Grid		 Filter Rows: <input type="text"/>	Edit:   	Export/Import:  	Wrap Cell Content: 	
	user_id	user_name	user_pass			
▶	1	anikeshmanitripathi23@gmail.com	password			
	2	anikeshmanitripathi9@gmail.com	pass			
	3	anikesh.com	pass123			
	4	anikei9@gmail.com	pass			
★	NULL	NULL	NULL			