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**FORUM BASED WEBSITE REPORT**

**A PROJECT REPORT**

***Submitted by***

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***in partial fulfillment for the award of the degree of***

#### BACHELOR OF ENGINEERING

**IN**

##### Computer Engineering and Applications

**GLA University, Mathura**

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#### BONAFIDE CERTIFICATE

Certified that this project report **FORUM BASED WEBSITE** is the bonafide work of **Himanshu Tiwari, Aryan Gupta, Ashutosh Sahu, Mrityunjay Dwivedi, Aditiya Vishwakarma** who carried out the project work under my supervision.

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| <<Signature of the Supervisor>>  **SIGNATURE**    Mr. Akash Choudhary  **SUPERVISOR**  Technical Trainer |

**INTERNAL EXAMINER EXTERNAL EXAMINER**

**DECLARATION**

We hereby declare that work which is being presented in the MINI Project “**Forum Discussion Website: OmniShea”** in partial fulfillment of the requirements for MINI Project, is an authentic record of our own work carried by the team members under the supervision of our mentor Mr. Akash Kumar Choudhary.

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**ABSTRACT**

The forum-based website: **OmniShea** is a website aimed at developing online form for the group discussion. In this website any registered user will be able to post different contents whether they are in text, images or videos format. Any user can reply on other user’s posts. This will provide a facility to share the resources and different media articles that can be viewed by registered user.

This project is designed using HTML and CSS as frontend and PHP as backend.

**Here user will be able to:**

* Posts topics for discussion.
* Create their profile.
* View different posts made by other people.
* Rate the posts by upvoting or downvoting.
* Comment their point of views on posts.

**INTRODUCTION**

An online forum is an internet space structured around and dedicated to conversation, usually through posting questions, answers, and responses. Online forums do not usually happen in real time. By archiving past responses and arranging posts (either in order of posting or by popularity), a forum can host an engaging discussion that is carried out over days, months, or even years.

Online discussion forums can be used for many purposes and perhaps are the earliest form of social media platform. Discussion forums are especially valuable from a social point of view as they are highly focused in their content and provide an in-depth view of the topic being discussed. Different types of communities can be formed which will be able to identify trends, new technologies, social awareness or any other valuable content available.

Some online forums are built around a special interest, anything from organic gardening tips to fiery political debates. Some are built around a product, like the community of bookkeepers who trade notes about using QuickBooks, the accounting software.

Whatever topic the online forum is dedicated to, a successful one needs users who will continue to come back and engage, putting their time and energy into keeping the conversation alive.

An online forum can be a section of a website that is dedicated to other things. This is common with forums for popular products and services. For example, the Adobe website is technically dedicated to its products and sales. But since these products are complicated to use, an online forum with a mixture of paid employees and loyal fans devotes themselves to answering questions.

**About Project**

The project named “OmniShea” is a forum discussion website where people will first have to create an account and then they will be able to share their ideas and discuss their point of views and objectives on various topics. It’s a type of discussion forum website where people will be able to ask and view discussions on various topics whether they might be technical, educational, political or any other type of topics. Each type of question or discussion topic will be under the particular forum topic and the users who have registered on the website will be able to answer the questions and discuss their point of views on the topic.

**Primary reason to choose this Project**

We chose "Forum Based Website “as our project because we wanted to gain experience in developing a Full-Stack website which gives us more insight into the Frontend its UI/UX and its Backend working of databases.

**The Main Objective of the Project**

The main objective of the project will be able to create an open discussion forum with a friendly interface so that user would be able to view, ask questions and share the ideas on different topics which would encourage in forming different types of communities.

**Scope of the Project**

Our Scope is to develop an appealing Frontend with easy to understand of user Interface and a comfortable user experience with working user input like comment section, Upvote, and Downvote option with a user authorization login page within the given deadline.

**Working Methodology of the Project**

**SCRUM: -**enabling a small, cross-functional, self-managing team to deliver fast.

**ADVANTAGES**

**A few benefits of online discussion forums are**

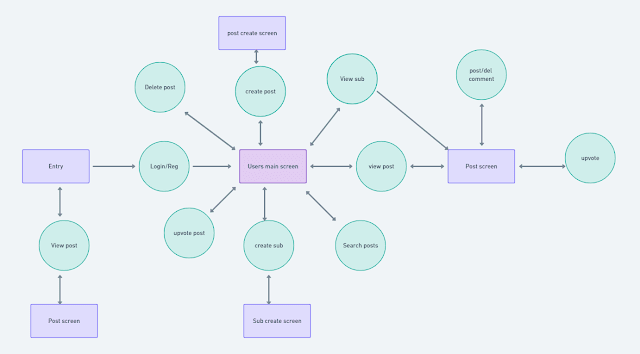
* An online discussion forum provides a lot of value both to the people that participate in them, and to brands that choose to include them as part of their website. If you’re on the fence about whether an online forum platform makes sense for your brand, these are some of the main benefits members and brands get out of them.
* Online forums bring people with common interests together, sometimes allowing for connections they lack in other areas of life. An enthusiastic bird watcher whose family doesn’t share her passion can feel less alone and get birding advice by joining an online forum for birders. Someone who spends their entire workday using a particular software product can find other people in similar roles and swap tips and best practices in a customer forum.
* Online forums often become a useful space for members to learn from each other. Members of online forums focused on a particular type of job or industry can share resources relevant to their work. Hobbyists can share recommendations with each other related to their hobby.
* An active forum full of ongoing discussions will draw participants to different forum sites again and again. The most involved members will return regularly to check for updates to the conversations they’re a part of. Some may even make a daily habit out of visiting different forums.

**PROBLEMS FACED**

**A few problem we faced while working on projects are**

* Implementation of Login and SignUp page with authentication
* Implementation of Viewpost query to show all post in home page
* While working on update profile as username is conflicting with Session
* Creating profile info side bar in profile page and uploading updated data
* While adding create post to upload different type of post using different button sections

**DATA FLOW DIAGRAM**

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**INSPIRATION**

**Inspiration for creating this project comes while visiting some popular forum websites like XDA developers super cheats and Reddit where one can post anonymously and could join communities where one could find like-minded people and could interact with them by solving and gathering.**

**Reddit and XDA forum provides communities or more like a subspace which give the user more chances of getting feedback from people of similar experience and interest as well as one can create their subspace or community or as Redditors say subreddit and could add your own rule on how a subreddit works and what can be uploaded in it.**

**It also gives freedom to write in communities if the administrator allows it or in another case where you are the administrator.**

**REPORT**

* **Current Build include:-  
  Login and registration authentication  
  Post creation and Submission  
  View post in home section  
  Your Info and your submission in Profile page  
  Can add image & add video as well  
  Comment section functionality  
  Profile picture functionality  
  profile info update(alpha build) update  
  Logout functionality**

#### USER MANUAL

* **Install xampp in the system**
* **Clone git hub repository in the c/xampp/htdocs**
* **Run apache and mysql server from xampp**
* **Import database in phpMyAdmin in the cloned file**
* **Run index.html from localhost server**

**Details About the Hardware and the Software**

**System Requirements: -**

Supported Operating Systems: - Windows 7, 8, 10 and 11

Software Required:

* Web Browser like Google Chrome, Microsoft Edge, etc.
* IDE like Visual Studio Code, Eclipse, etc.

**Hardware Requirements: -**

* **1.6 GHz or faster processor**
* **1 GB of RAM**
* **A proper internet connection (LAN or Wi-Fi based)**