

# **GLS UNIVERSITY**

*Faculty of Computer Applications & Information Technology*

## **Integrated MSc(IT)**

**1601606 DISSERTATION / MINI PROJECT (Skill Enhancement Course)**

### **Title Approval Form – Mini Project**

#### **A. Student's Details:**

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|---------------------|------------------------------------|---------------------------------------|
| 1. R.No: <u>A57</u> | Name: <u>Jayam Jalukbhai Patel</u> | Enrollment No: <u>202101619010056</u> |
| 2. R.No: <u>A97</u> | Name: <u>Parna Kiran Trivedi</u>   | Enrollment No: <u>202101619010093</u> |
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#### **B. Project Details:**

<b>Mini Project Title: Build Smart Hub</b>
<b>Tools &amp; Technologies: Front End: Python, Django</b>
<b>Back End: Mysql</b>

#### **C. Project Description:**

This website is a kind of medium between builders, contractors, raw material suppliers, architects, interior designers, electricians, plumbers, real estate brokers and common customers.

Basically, our website is a platform for construction-related businesses and services. Through our platform, different construction businesses (small or large) get to showcase their products and services by posting and connecting to different business individuals.

For example, if we look at the builder's perspective, the basic necessities for his business will be raw materials and various services.

Now, our platform will give him a variety of options to choose from.

From a business perspective, when a builder visits our website, he/she can access various contractors, raw material suppliers, architects, interior designers, electricians, plumbers, real estate brokers.

It basically provides a platform for 2 kinds of people i.e. for businesses and customers.

From the customer's perspective, if a common man wants to build a house he/she can use our website to get different options for builders, architects, interior designers, etc. by looking at their work and ratings. Also for contacting on the spot a chatbot will be provided so that the direct contact of the business authorities and the customer can be made.

## **D. Functionalities:**

- Register as a service provider (builders, contractors, raw material suppliers, architects, interior designers, electricians etc.).
- Register as a guest (common person).
- Add information as a bio.
- Service providers can add their details such as contact number, email-id, address of their offices/shops so that the contact can be established.
- Service providers can post their products and their prices with a description of that product.
- Guest i.e. a customer will be able to search through the website for the services they want and they can contact them by the details entered by the business owners.
- Chatbot is provided for the direct contact of a customer with the business authorities.
- Our website will provide pre-drafted messages, for eg. If a customer has any query related to the product or services (availability, quantity, prices, etc.) then he/she can ask the chatbot about it, and the message related to the question if entered earlier by the business will be displayed.
- Different filters will be provided to manage the budget & and type of product.
- It is a medium through which the tedious task of contacting and choosing various people related to construction can be brought all together and the right decisions can be made.
- After the completion of this process rating of the service providers will be taken from the customers based on their response and services.

## **F. Modules/Scopes of the project:**

- **Admin**

- Manage the registration.
- Sort the data according to the type of the profession.
- Manage the details and also the authentication of the service providers should be assured by the legal documents by uploading them then and then only they can register them.
- Storing the work of the businesses in a correct manner.
- Admin will be able to edit the data if any inconvenient activity of uploading the wrong kind of data is caught.

- **Customer**

- Browse the website
- Search for the services they want
- Various results will be provided when they search and a customer can check different businesses and make reliable decisions by their prices and quality.
- If the customer is interested then they can contact them by contact no, email-id, etc.
- A customer can also contact them by chatting through the chatbot provided on the website.
- Can rate them on the basis of their experience with the services.

- **Service Providers**

- Register themselves with proper identity and documents along with their profession type.
- They have a platform to showcase their products by uploading pictures with the respective prices and a description.
- They have to add contact numbers, email, and address so that the customer can reach them easily.
- They have to answer the questions which are asked to them on the chat bot by the customers.