



## WEB APPLICATION FOR PROBLEM STATEMENT NO.2

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Institute Name : Bundelkhand

University(IET),Jhansi

College Code(AISHE): 1-  
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**Problem Statement :** Develop a software (mobile/web app) which offers numerous things along with specs, prices, warranties, and compares them to choose the best alternative, such as one available for various insurance policies, etc. This may prevent the need to invite tenders, and so on. This may also result in greater openness and parity in the prices of products purchased by various college organisations.

# Problem Statement

## Problem 1

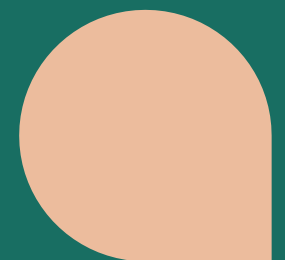
Create a platform for greater openness and parity in spec, warranties, and prices of products(components) purchased by various colleges.

## Problem 2

Create a platform where contractors can pass through a tender process and also solve their queries related to the tender.

## Problem 3

To create a social platform for contractors.



## **Solution 1**

Different products are displayed with information regarding prices, and warranties and compares them to choose the best alternative.

## **Solution 2**

Creating a social media platform where contractors can interact with each other and the university to solve their queries.

## **Solution 3**

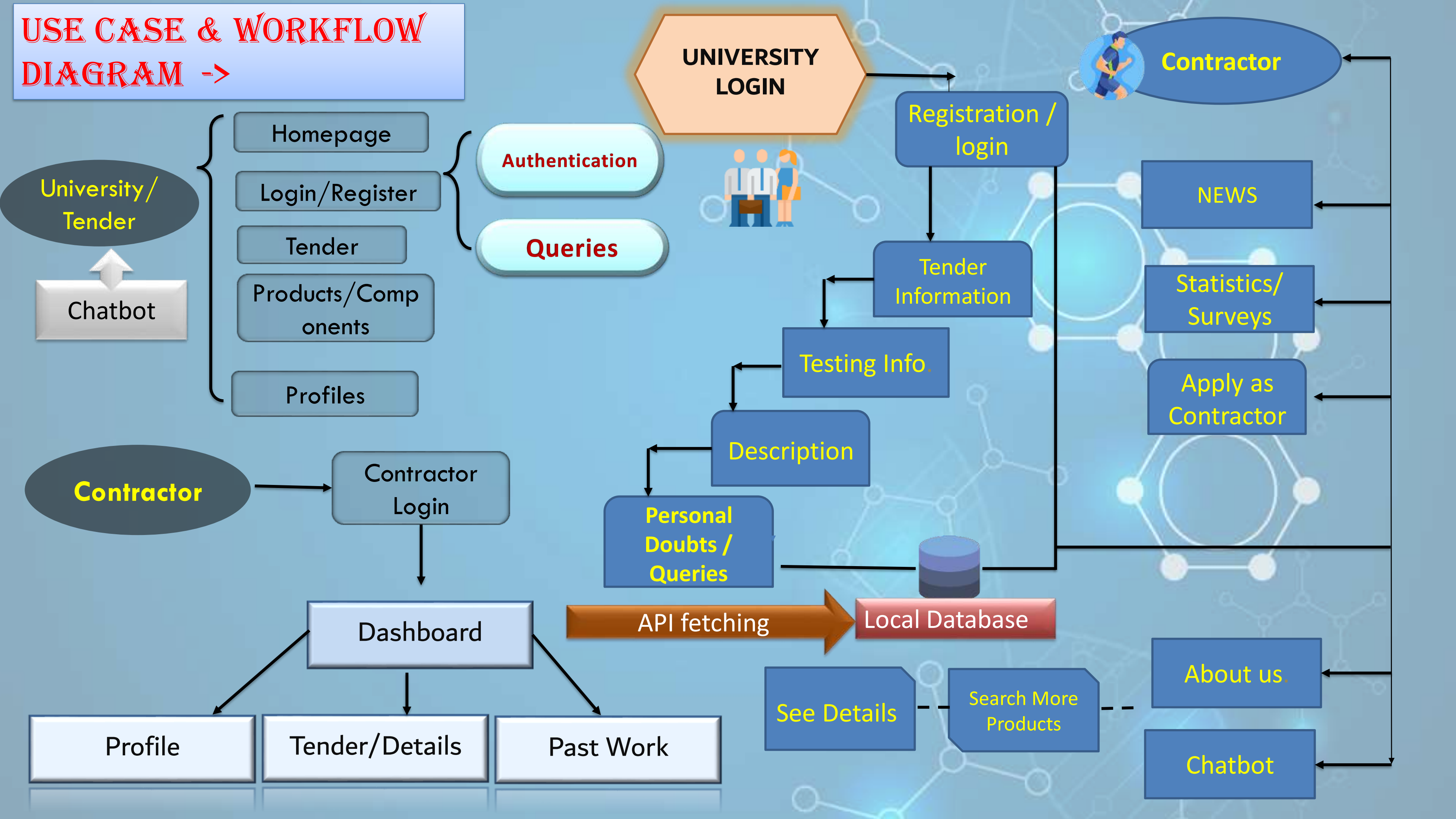
Discussion Forum was implemented to enable real-time communication between multiple users and also for contractor University conversation.

## **Solution 4**

A chatbot is implemented through which the contractor can book university appointments and clear his queries and various FAQs regarding the website.

# **The Utopia**

USE CASE & WORKFLOW  
DIAGRAM ->





# Key Features

- **Email authentication is done during Sign Up**
- **Displaying trending categories based on the number of likes.**
- **Offers numerous things along with specs, prices, and warranties.**
- **Posts with an option to share on other social media platforms**
- **Chatbot functionality provided to book University appointed , resolve user queries and FAQs with the option of connecting with human agent in case of non resolution**





# Key Features

- **Social Media Community** where users can create new posts and interact with other users to solve queries.
- **Displaying Trending Categories** based on the number of likes
- **One on One conversation** provided between the university and the contractor
- **Many to Many conversation** between users in real time implemented using Discussion Forum