Comprehensive Enterprise Resource Planning (ERP) Software Solution for Chambers and Associations

Software Engineering

Group I

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The ERP System is a Java based application designed for chambers and associations. This application effectively manages company registrations and member interactions.

Main Features:

Sure, here's an explanation for each feature:

1. **Startup Page:** This serves as the entry point for users, offering three distinct options. Users can choose to search for registered companies, login as a member, or login as an employee. This feature provides a clear and intuitive interface for users to navigate the system based on their needs.

2. **Company Search:** Users seeking information about registered companies can input the company name into the system. The system then searches for this name within the company database. However, companies are only displayed in the search results if they have been approved by an employee. This ensures that users only access verified and authorized company information.

3. **Member Login:** Members have the option to either log in using their existing credentials or register their company details if they are new users. Upon successful login, members gain access to various functionalities. They can view detailed information about their company, including contact details. Additionally, they can access the news portal to stay updated with relevant news and information. Once done, they can securely log out to maintain the privacy and security of their account.

4**. News Portal:** This feature allows logged-in members to access a dedicated news portal. The news portal contains articles and updates stored in a separate CSV file. Members can stay informed about the latest developments related to their industry or organization by browsing through the news articles. This feature enhances member engagement and ensures that users have access to relevant and timely information.

5. **Employee Login:** Employees have specialized access to the system, enabling them to perform administrative tasks. Upon login, employees can approve requests from members, such as company registrations. Additionally, employees can add news articles to the news portal, ensuring that members have access to up-to-date information. This feature streamlines administrative processes and empowers employees to manage the system efficiently.

Overall, this Java-based system provides a comprehensive solution for managing company registrations and facilitating member interactions. It enhances user interaction, streamlines

administrative processes, and ensures streamlined access to information for both members and employees.

Features not implemented:

Company Name Reservation and Incorporation:

1. Confirmation and Payment
2. Fee Deposit and Additional Information

These steps involve confirming company name availability, processing fee payments for incorporation, and gathering additional information from members. Implementing these functionalities would require integrating payment gateways, conducting validation checks on company names, and providing forms for members to submit required information.

Member Dashboard Features:

1. Query and Support Section
2. Generate Query
3. View Previous Queries
4. Provide Feedback

These features allow members to submit queries, view their query history, and provide feedback on support services. Implementing these functionalities involves creating forms for query submission, storing query data in a database, and developing interfaces for members to track query statuses and provide feedback.

Employees Dashboard:

1. Query Management

This feature involves managing queries submitted by members, prioritizing them, and assigning them to relevant staff members for resolution. Implementing this functionality requires creating interfaces for employees to view and manage queries, as well as setting up workflows for query allocation and resolution.