Practical No. 8

Aim : Identify the case study and detailed statement of the problem. Design an Entity Relationship (ER) / Extended Entity-Relationship (EER) Model.

Project Description :-

- This web app is created for Sentosa Enclave residential society.
- Aims to optimize society management and communication.
- Enables convenient online maintenance payments, event updates, clubhouse bookings, and more.
- Provides a user-friendly platform for easy access to essential society information.
- Empowers residents with personalized features such as digital notices, intercom, and complaint resolution.

Expected Outcomes:-

- Efficient Management: Streamlined management of society activities, notices, and payments.
- Improved Communication: Enhanced resident communication through notices and events.
- Cost and Time Savings: Reduced administrative workload and costs.
- Better User Experience: User-friendly design for easy access and interaction.
- Community Building: Fostering a sense of community and engagement
- Data-Driven Decisions: Data insights for informed decision-making.
- Scalability: Potential to expand to more societies.

Statement Of Problem:-

1. Communication Challenges
2. Lack of Financial Transparency
3. Administrative Complexity

Conclusion :-

In conclusion, our project, tailored for Sentosa Enclave residential society, offers an efficient, user-friendly web-based solution for society management and communication. By enabling online maintenance payments, event updates, and seamless access to vital information, it enhances resident living. Anticipated outcomes encompass improved communication, reduced administrative workload, and data-driven decision-making.