

# Project Proposal

Semester: \_\_6\_\_ Section: \_\_H\_\_

**Team Lead** (name and roll no.) \_ALI Farooq 21I-5088\_\_\_\_\_

**Project Title** \_\_\_\_\_Society sphere\_\_\_\_\_

**Project Domain** (academia, finance, healthcare, etc.)\_\_\_\_Real Estate  
\_\_\_\_\_

**Implementation Language** (C++, Java & Python only)\_\_\_\_Java\_\_\_\_\_

## Abstract

Society sphere serves as a centralized platform connecting residents and administrators, streamlining various aspects of community living. Administrators hold the authority to approve and oversee crucial operations including complaint resolution, billing management, booking approvals, visitor registration, property transactions such as buying and selling, as well as overseeing member registrations and generating bills.

Residents, on the other hand, enjoy the convenience of accessing essential services from the comfort of their homes. They can effortlessly apply for registration, review and settle bills, register visitors, book community amenities, manage complaints, track their status, participate in property transactions like selling or buying houses, and maintain an overview of fellow members.

This system aims to enhance the efficiency and transparency of community management, facilitating seamless interactions between residents and administrators for a more harmonious living environment.

### 1. User Authentication (Login & Sign Up):

- Residents and administrators can securely log in or sign up for accounts.

### 2. Complaint Management:

- Residents submit complaints or service requests.
- Administrators view and resolve complaints.

### 3. Billing Management:

- Administrators generate and manage bills.
- Residents view and pay bills securely.

### 4. Visitor Management:

- Residents register visitors.
- Administrators approve visitor registrations.

### 5. Property Transactions(sell & buy):

- Residents list properties for sale or purchase.
- Administrators facilitate property transactions.