Slide 1: Project Name

Real Estate filtering System

Slide 2: Project Objective

Objective: Develop a robust real estate property filtering system that enables users to effortlessly browse and locate properties tailored to their specific preferences. The system aims to enhance user experience by providing dynamic filtering and sorting capabilities, ensuring users find the perfect property match efficiently.

Key Features:

- **Dynamic Filtering Options:**
  - **Location:** Filter by cities and states.
  - **Price Range:** Set minimum and maximum budget limits.
  - **Number of Bedrooms:** Select preferred bedroom count.
  - **Property Type:** Choose from Apartment, Condo, Villa, or Independent Floor.
- **Sorting Capabilities:**
  - **Price:** Sort ascending or descending.
  - **Year Built:** Order by construction year.
  - **Parking Spaces:** Sort based on available parking spots.
  - **Area:** Arrange by square footage.

Slide 3: Project Output

Expected Outputs:

- **User-Friendly Interface:** Intuitive frontend allowing seamless navigation and property searching.
- **Comprehensive Listings:** Display properties that match user-defined filters with detailed information.
- **Efficient Sorting:** Enable users to organize listings based on various parameters for better decision-making.
- **Responsive Design:** Ensure accessibility across different devices and screen sizes.
- **Enhanced User Experience:** Simplifies the property search process.

Slide 4: Technology Used

Technology Stack:

- **Frontend:**
    - **React.js:** For building dynamic and responsive user interfaces.
    - **Material UI & Bootstrap:** For consistent and aesthetically pleasing design components.
- **Backend:**
    - **Node.js / Express:** To handle server-side operations and API integrations.
- **Database:**
    - **MySQL:** For managing and querying property data.
    - **AWS RDS:** Hosting the MySQL database for scalability and reliability.