

Mini Project-I (K24MCA18P)

Odd Semester

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PG Life

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Introduction

- ❖ Finding suitable accommodation is challenging for individuals relocating to major cities.
- ❖ The PG Finder website aims to simplify this process by providing a centralized platform.
- ❖ Cities Covered: Delhi, Mumbai, Bangalore, Hyderabad.
- ❖ Features: Search by city, view PG details, and explore comprehensive PG information

Literature Review

❖ Existing Systems:

- Classified platforms like OLX and MagicBricks.
- Limited PG-specific platforms with comprehensive details.

❖ Challenges in Existing Systems:

- Lack of city-specific filtering.
- Incomplete or inaccurate information.

❖ Our Approach:

- Dedicated PG listing with city-based categorization.
- User-friendly design with enhanced accessibility.

Objective of the Project

❖ Existing Systems:

- Classified platforms like OLX and MagicBricks.
- Limited PG-specific platforms with comprehensive details.

❖ Challenges in Existing Systems:

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❖ Our Approach:

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- User-friendly design with enhanced accessibility.

Technology (Hardware Requirements)

- ❖ Development Environment: PC/Laptop with at least 4GB RAM, i3 processor.
- ❖ Server Requirement: Not required for frontend-only development.
- ❖ Client Requirement: Modern browsers (Chrome, Firefox, Safari).

Technology (Software Requirements)

❖ Existing Systems:

- Classified platforms like OLX and MagicBricks.
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❖ Challenges in Existing Systems:

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Modules

- ❖ **City Selection:** Dropdown to select a city (Delhi, Mumbai, Bangalore, Hyderabad).
- ❖ **PG Listing:** Display a list of PGs for the selected city with price, rating, and address.
- ❖ **Details View:** Detailed information about a PG on clicking "View".
- ❖ **Search and Filter (Optional):** Filter by price range or ratings.

Workflow

- User visits the homepage.
- Selects a city from the dropdown menu.
- PG details for the selected city are displayed.
- User clicks "View Details" to see more information about a specific PG.
- Data is fetched dynamically from the database using PHP and SQL.

Reports

The PG Finder website simplifies accommodation searches in major cities: Delhi, Mumbai, Bangalore, and Hyderabad. Users can select a city, view a list of PGs with details like price, ratings, and address, and access detailed information. Built with HTML, CSS, PHP, jQuery, and SQL, it ensures a seamless user experience.

References

- ❖ Tailwind CSS documentation
- ❖ React documentation
- ❖ CSS Tricks
- ❖ Figma design tutorials
- ❖ MDN
- ❖ W3 School