

# Muhammad Ali Jinnah University

## Final Year Project (FYP)

Faculty of Computing  
Department of Computer Science

### Final Year Project Proposal

For probably the first time in your undergraduate/graduate program, you are required to defend a proposal of a larger project. In teams, you will be working on the common project but individual team members will be required to take on responsibilities for specific work for which each will be held accountable. Interaction, collaboration and assistance are allowed and expected, but each person will receive an individual mark/grade for his/her work performed in the project.

				Month					Year
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DATE	1	8	-	1	0	-	2	0	2

<b>PROJECT TITLE:</b>	Rently
<b>KEY WORDS:</b>	Room rental, Rental house, Room Sharing, Price Prediction
<b>DOMAIN OF THE PROJECT:</b>	Room/house rental and price prediction
<b>SUPERVISOR'S NAME:</b>	Miss Muntaha Mehboob

STUDENT INFORMATION				
Sr.	Student ID	Name	Email	Mobile
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### **PROBLEM STATEMENT**

The existing approach necessitates a consumer visiting the landlord or house rental firm, which is time-consuming and irritating. In our daily lives, buyers deal with a variety of issues related to the home, such as reporting a problem, tracking the location, getting the information they need right away, etc. Similarly, sellers also deal with issues, such as monitoring problems in apartments, notifying customers that a package has arrived, sending buyers emergency information quickly, etc. There isn't currently an app that focuses on fixing this specific problem.

### **EXECUTIVE SUMMARY**

In this situation, a shared online platform might be quite important. The goal of the project is to create a standard web-based online platform for renters and homeowners so that both parties may profit from the system.

The Home Rental Project will be a crucial tool for creating rental housing stability by assisting tenants to speak with greater credibility through initiating and documenting communications and developing fruitful relationships with sellers. Effectively resolving apartment issues is important to the buyer's long-term future. The project's ultimate purpose is to improve the connection between renters and sellers, which may be done with the help of this initiative. The purpose of this method is to meet the requirements of landlords. Several approachable.

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### INTRODUCTION

We need to locate a nearby house or room to rent as we're new in any place far from home and don't have a room. The best option is typically a rental that is close to the location. It will be difficult for the consumer looking to rent a house or room to find one with them. The website's rently are not all available, and some are situated quite distant from their intended location. The owner often does not market their home since they just tell the neighbors about it. This system's goal is to make it simple for families, bachelors, tourists, and students to find rental housing.

### COMPETITORS/COMPETITIVE ANALYSIS

1. Lamudi
2. Jagah Online
3. Zameen
4. Graana
5. Aarz

### OBJECTIVES

To create an online system for managing house rentals that enable users to do so without speaking with a rental agency or landlord in person.

The system's primary goal is to provide an online system for managing vacation rentals. to provide a system that enables users to insert, modify, find, and delete data from databases.

To make home record keeping easier for those looking for a home or a room as well as for an administrative management system.

Create an internet system for renting out homes for house seekers, and predict prices with respect to different areas.

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### MOTIVATION

The Motivation behind creating this project is that Renting instead than buying is the current trend. Rentals come with limits but no maintenance issues. Renting in a location where maintenance is poorly handled and the grounds are not well maintained would not likely inspire a person to acquire their own home and maintain it in good condition. Naturally, as the owner, you are responsible for all of those duties. The benefit is that it may be maintained as meticulously or not as desired. One significant motivation to purchase would be the inability to change interior features in a rental.

### FEATURES OF PROJECT

An online application called Rently offers house and room renting services. Homeowners may advertise their homes for rent using this app by including information and photographs about the property. A house can be found, the listings may be filtered by location, and a booking request can be sent to reserve a house. The home advertisement will be booked and vanish if the property owner grants the such a request.

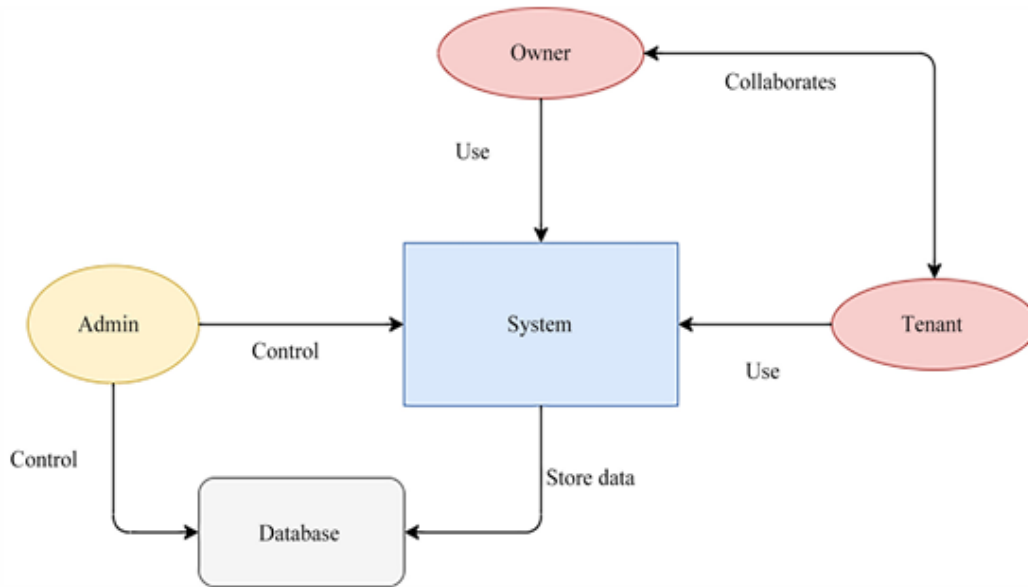
- Registration
- property owner/Customer login
- Property upload
- Property details modification
- Property deletion
- Admin profile management (names, emails, phone numbers)
- Price predictor according to different location
- Other features that make usage of this system enjoyable

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### ARCHITECTURAL DESIGN



### IMPLEMENTATION TOOLS AND TECHNIQUES

The Agile Methodology will be used.

#### Softwares:

- HTML
- CSS
- BOOTSRAP
- JAVASCRIPT
- PYTHON
- DJANGO
- SQL/NOSQL

#### Hardware:

- Personal Computer
- Smart Mobile Phone
- Internet Connectivity for all customers and admin

