



RentoMate

Rent it Out!

Project Members:

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Evaluation Criteria of Title Defense

Rubrics	PLO1	PLO2	PLO8	PLO12	Marks
Problem statement clearly defined		✓			5
Motivation/Justification/Ethical Impact			✓		5
Literature Review				✓	5
In-depth engineering/computing knowledge required	✓				5
Involve at least one of the following attributes: wide-ranging/conflicting technical issues, no obvious solution, infrequently encountered issues, diverse groups of stakeholders, or component parts/sub-problems.					5

Problem Statement Clearly Defined

Total Marks 5

Problem Statement

Real Estate has been neglected by technology for a long time especially home renting sector as there is not a single platform available that streamlines and automates the home renting process. However, with the paradigm shift in technology its about time that this changes so that the renting process becomes effective and people on both ends can go through it smoothly and effectively.



Project Overview

It is a Web-Based Project

List of Proposed Features:

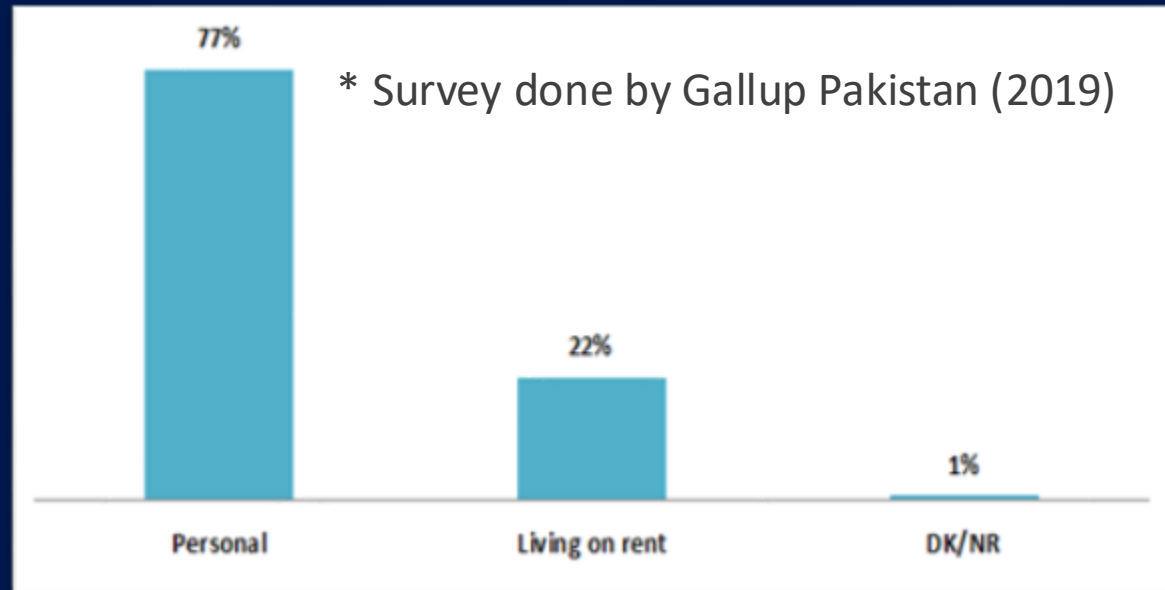
- Role based Authentication
- Property Listing
- Recommender System
- Predictive Analysis
- Maintenance Requests
- Payment Management
- Document Management

Motivation/Justification/Ethical Impact

Total Marks 5

Motivation

According to a survey done by Gallup Pakistan in 2019, 22% of Pakistan's population Is living on rent



*Survey Link: <https://twitter.com/GallupPak/status/1121309214901772288>

Ethical Impact

- Minimization of fraudulent activities
- Promotes full transparency
- No misleading advertisements

Justification of the Scope

A dedicated platform that provides automated and hassle free medium to either collect and manage rentals and hunt for property in a more efficient and effective manner.

Literature Review

Total Marks 5

Literature Review

RentoMate

VS

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Links:

* - <https://www.zameen.com/>

** - <https://www.graana.com/>

Comparison Between Existing Systems

Services	Rentomate	Graana	Zameen
Property Listing	✓	✓	✓
Document Management	✓	✗	✗
Payment Integration	✓	✗	✗
Mediation	✓	✗	✗
Predictive Analysis	✓	✗	✗
Filtration System	✓	✓	✓

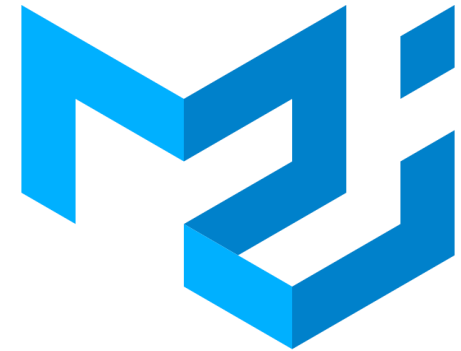
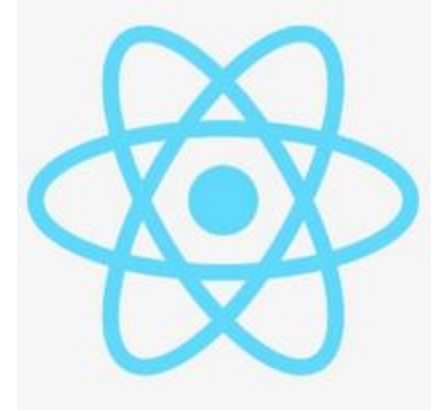
Literature Review

- Using machine learning algorithms Housing price prediction: The Case of Islamabad Housing Data
- <https://www.koreascience.or.kr/article/JAKO202122260767075.pdf>
- Recommender System
- https://www.researchgate.net/publication/324962362_Recommendation_system_for_property_search_using_content_based_filtering_method

In-Depth Engineering/Computing Knowledge

Total Marks 5

Technologies to be Used



**Involve at least one of the following attributes:
Wide-ranging/conflicting technical issues, no obvious solution,
infrequently encountered issues, diverse groups of stakeholders,
or component parts/sub-problems.**

Total Marks 5

Attributes

Wide-ranging/conflicting technical issues	No
No obvious solution	No
Infrequently encountered issues	No
Diverse groups of stakeholders	Yes
Component parts/sub-problems	Yes

SDG'S

- Gender Equality
- Industry, Innovation, Infrastructure

Overview of UI/UX using Figma

An aerial night view of a city skyline, featuring a prominent skyscraper on the left. The city is illuminated with lights, and the sky is dark. The text "Thank You Any Questions?" is overlaid in the center.

Thank You
Any Questions?