**MIT College of Pune**

**Project Name: Apartment Rental System in Php**

**Masters in Computer Science II**

**Made By-**

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**Project Guide-**

**Professor XYZ**

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**INTRODUCTION**

It is an Online Website through which anybody can rent their apartment and also look for an apartment in their desired locality. Many people who are new in city or have a busy schedule can’t go on searching for the apartment and get in touch with all many apartment in the locality. This website will help them to search apartment at their finger tips and will also give option to compare apartment visually.

Also keeping in mind about people who are willing to rent their apartments and to get in touch with many renters, the apartment owners can simply post about their apartment and inform many people about it.

**SCOPE OF THE SYSTEM**

* The new system will be totally computerized system.
* A new system will provide features like time efficiency to show apartment details, user profiles and whatever the renter will give the feedback to the owners and their apartments too.
* This system will provide images and videos of the apartment.
* An enquiry is easily done by user in the system.
* It will be the most useful software application for managing online apartment renting business.

**PROPOSED SYSTEM**

* Design and implement a web based application for Online Apartment Renting.
* The main purpose of the system is to provide an easy platform for people who are renting apartments, where they can easily search and rent apartment online.
* Reaching out to infinite people and getting feedbacks about not just apartment but also of renters and owners of the apartment is new thing in this website.

**FEASIBILITY STUDY**

Feasibility study is the first and important matter to establish when we start a project. Feasibility means the extent to which appropriate data and information are readily available or can be obtained with available resources such as staff, time and equipments. The types of Feasibility study are:

**1. Technical Feasibility**

We use different tools and technology to develop this project. To implement the system all the tools used have done different work like HTML(Hyper Text Markup Language) and PHP using MVC structure is used to build a basic structure of the project, BOOTSTRAP & CSS used for the design of the project, JS(Java Script) used for different alerts authentication and Phpmyadmin used for database connectivity.

**2. Operational Feasibility**

Operational feasibility is a measure of how well proposed system solves the problems, and takes advantages of the opportunities identified during the scope definition and how it satisfies the requirements identified. Operational feasibility reviews the willingness of the organization to support the proposed system.

**3. Economical Feasibility**

In economical feasibility have benefits of two types:

1. The benefits derived from the creation of the project that can be measured in money:

* Cost reduction.
* Error reduction.
* Increased flexibility.
* Increase the speed of activities.

1. The benefits derived from the development of the project:

* More timely information.
* Fast decision making.
* Increase accuracy.

**SOFTWARE AND HARDWARE REQUIREMENTS**

**Software Configuration**

Operating System: Windows 2000/NT/XP

Backend : Phpmyadmin

Software : xampp

Front End Tool : Sublime text, Bootstrap

Languages : Php, JavaScript

Structure : MVC

Framework : Code igniter

**Hardware Configuration**

RAM : Min 500 MB

HARD DISK: Min 20 GB

**DATA DICTIONARY**

**UML DIAGRAMS**

**USE CASE DIAGRAM**