MES COLLEGE OF ENGINEERING, KUTTIPPURAM
DEPARTMENT OF COMPUTER APPLICATIONS
20MCA245 – MINI PROJECT

PROFORMA FOR THE APPROVAL OF THE THIRD SEMESTER MINI PROJECT

(Note:All entries of the proforma for approval should be filled up with appropriateand complete information. Incomplete Proforma of approval in any respect will be rejected.)

Mini Project Proposal No:_____ *(Filled by the Department)*	Academic Year : 2020-2022 Year of Admission :2020

1. Title of the Project : **Project Management in Real Estate Industry With Online Booking**
2. Name of the Guide :
3. Number of the Student: **MES20MCA-2033**
4. Student Details (in BLOCK LETTERS)

Name	Roll Number	Signature
1. **MUHAMMAD SHUHAIR VK**	**33**	

Date: 03/12/2021

Approval Status : Approved / Not Approved

Signature of Committee Members

Comments of The Mini Project Guide Dated Signature

Initial Submission :

First Review :

Second Review :

Comments of The Project Coordinator Dated Signature

Initial Submission:

First Review

Second Review

Final Comments : Dated Signature of HOD

Project Management in Real Estate Industry With online booking

MUHAMMAD SHUHAIR.VK

INTRODUCTION & OBJECTIVE

Project Management is a methodology originally developed for the construction industry for controlling schedules, costs, and specifications. Over a period of time, it was discovered that the same techniques tweaked a little actually apply to all industries starting from manufacturing to the high technology operations. Project management is an art of setting up all the components of a project together to work in sync. A logical approach to bind the various components together with effective planning improves the chances for a successfully delivered project. A real estate project differs from any other domain in terms of the number of different components it involves.

The complexity of these components if not dealt with maturity with a persistent approach may lead to disastrous results for the project. Though there are various ways of cost estimation for real estate projects, the unit cost for the bill of quantities works best. The easiest way to estimate is to break down the project into tasks. Once tasks are defined and resources are assessed with their respective quantities are mapped, it is then time to assign unit costs. The total cost is then determined by summing up the costs incurred in each task. The various types of costs linked to any resource can be in terms of man, material, labor and expenses (overheads). In a real estate project, construction cost is only a fraction of the total cost of the project. These include design costs, bid costs, approval costs and control costs.

PROBLEM DEFINITION AND INITIAL REQUIREMENTS

SOFTWARE PERSPECTIVE:

EXISTING SYSTEM:

Generally, people buy and sell houses the same today as they did 100 years ago. Which is we contacting a broker in order to find a better plot or to enquire about a plot. And then the broker will give us the information about the plot and we want to pay some money in advance as booking the plot in order to buy that plot. Then there will be many procedures that we should involve physically and there will be a ton of wastage to our precious time. Even if we did these things at the end we might get deluded at some point by the broker or someone else. Losing money is the main disadvantage of existing system and that's what we don't want to lose.

PROPOSED SYSTEM:

An electronic version of the real estate industry, Internet real estate is the concept of publishing housing estates for sale or rent online, and for consumers seeking to buy or rent properties through online platforms. By this system we can reduce time consumption and can buy or sell properties from any corner of this world. This is much more reliable and faster system when we compare it with the traditional system. Due to distance decay, personal commitments, and time constraints, many turns to the web to carry out their daily activities online shopping, online bookings and for communication between parties. Using the web to put out properties for sale and purchasing properties is no exception. The age of technology has aided in reducing time and money within Internet real estate. Users may list their properties via a reputed broker or search for them at their fingertips, reaching out to a greater number of people significantly than traditional methods. In contrast, the traditional methods of contacting and meeting up with a real estate agent cost more money (agent and transportation fees) and time.

BASIC FUNCTIONALITIES

USER MODULE:

Users of the system

There are three user-based modules. Admin, Broker and User

1)Admin

- View User reviews
- Accept / Reject Broker
- Block / Unblock Broker
- Send reply to complaints
- View Suggestions
- View Rating

2) Broker

- Registration
- Add plot details
- View Booking
- Enquiries
- Chat with User
- Add Complaints

3)User

- Book Plot
- View Plot
- Chat with Broker
- Send Complaint
- Send Suggestions
- Add Rating

HARDWARE AND SOFTWARE REQUIREMENTS:

This specifies the hardware and the support software required to carry out the development.

HARDWARE REQUIREMENTS:

The selection of hardware is very important in the existence and proper working of any software. Then selection hardware, the size and capacity requirements are also important.

- Processor - Intel x86
- Speed - 1.1 GHz
- RAM - 700 MB (min)
- Hard Disk - 150 MB
- Key Board - Standard Windows Keyboard
- Mouse - Two or Three Button Mouse
- Monitor - SVG

SOFTWARE REQUIREMENTS:

One of the most difficult tasks is selecting software for the system, once the system requirements is found out then we have to determine whether a particular software package fits for those system requirements. The application requirement:

- Operating System - Windows 7 or Above, Android
- Technology - Python, Java
- Backend - MySQL
- Platform used - JetBrains, PyCharm, Android Studio
- Web Browser - Google Chrome, Fire fox, Microsoft Edge
- Front End - HTML, CSS, JAVASCRIPT
- Frame work - Flask

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Mini Project Proposal No:_____ *(Filled by the Department)*	Academic Year : 2020-2022 Year of Admission :2020

1. Title of the Project : **AN OVERVIEW OF RECOMMENDATION TECHNIQUES AND THEIR APPLICATIONS IN HEALTHCARE**
2. Name of the Guide :
3. Number of the Student: **MES20MCA-2033**
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AN OVERVIEW OF RECOMMENDATION TECHNIQUES AND THEIR APPLICATIONS IN HEALTHCARE

MUHAMMAD SHUHAIR.VK

INTRODUCTION AND OBJECTIVES OF PROJECT

With the explosive growth of online information, it has become increasingly difficult for people to obtain high quality and valuable information. As an efficient information filtering tool to help people deal with information overload.People can search hospitals in the basis of rating and hospital having higher rating will be shown,that will be helpfull for people to find a best healthcare

With the development of digital health, individuals and doctors are faced with a huge amount of health data leading to a significant increase in decision-making time. In recent years, people need to visit the nearest hospital if it is bad or good but now its getting digital in health fields so this method will be very helpful to find a better hospital in case of any emergency.In this project when we search for a good hospitals,it will display the hospitals having good rating and feedback.

PROBLEM DEFINITION AND INITIAL REQUIREMENTS

- **Software Perspective**

Existing System:

The health topic has gained increasing attention from people around the world due to the rapid development of modern society and the dramatic improvement of living standards. More and more people are eager to live a healthy life and maintain a healthy body state. The modern view of health tells us that health is no longer merely the absence of disease. World Health Organization defines “health” as a state of complete physical, mental, and social well-being. On one hand, health contributes to longevity and, on the other hand, health determines the quality of life and career success to a large extent. Non-communicable diseases are currently the main killers that endanger human health. Many common non communicable diseases, including cardiovascular diseases, cancer, chronic respiratory diseases, diabetes, etc., account for more than 63% of the total deaths

worldwide. The main causes of these diseases are occupational, environmental, dietary, and lifestyle factors. And there no recommendation system for dietary recommendation, lifestyle recommendation, training recommendation, decision-making for patients/physicians, and disease-related prediction.

Proposed System:

Here we are propose a one of the recommendation system which has been utilized in a variety of fields as an efficient tool to overcome information overload. In recent years, the application of RS for health has become a growing research topic due to its tremendous advantages in providing appropriate recommendations and helping people make the right decisions relating to their health. This paper aims at presenting a comprehensive review of typical recommendation techniques and their applications in the field of healthcare. More concretely, an overview is provided on three famous recommendation techniques, namely, content-based, collaborative filtering (CF)-based, and hybrid methods. Next, we provide a snapshot of five application scenarios about health RS, which are dietary recommendation, lifestyle recommendation, training recommendation, decision-making for patients and physicians, and disease-related prediction. Finally, some key challenges are given with clear justifications to this new and booming field.

BASIC FUNCTIONALITIES OF PROJECT

Admin

Administration is the main module of the system. They can control over all module of the system through their login password. And they have functionality for acceptance of hospital,pharmacy.

- Login
- Approve hospital
- Approve pharmacy
- View rating
- View complaint and send reply

Hospital

Hospital is another module of the system. And though they are main functional module of the system. Through their feature recommendation system is build.

- Login
- Register
- Add and manage department
- Add and manage doctor
- Add and manage doctor schedule
- View rating
- Manage booking

User

User is the one of the front end module of the system. They can view corresponding hospital with their functionalities and features.

- Login
- Register
- View department
- View doctor
- View schedule
- Add booking(doctor)
- Add booking(medicine)
- Add rating(hospital, pharmacy)
- Add complaint and send reply
- View hospital based on rating

Pharmacy

Pharmacy is another who can add the details of the medicine details and also check corresponding booking for medicine from users.

- Login
- Register
- Add and manage medicine
- View rating
- View medicine booking

HARDWARE AND SOFTWARE REQUIREMENT

This specifies the hardware and the support software required to carry out the development.

Hardware Requirements

The selection of hardware is very important in the existence and proper working of any software. Then selection hardware, the size and capacity requirements are also important.

- Processor : 64 bit
- RAM : Min 3 GB
- Hard Disk : 10 GB

Software Requirements

One of the most difficult task is selecting software for the system, once the system requirements is found out then we have to determine whether a particular software package fits for those system requirements. The application requirement:

- OPERATING SYSTEM: WINDOWS 10
- FRONT END: HTML, CSS, JAVASCRIPT
- BACK END: Mysql
- IDE: JetbrainsPycharm, Android studio
- TECHNOLOGY USED: PYTHON,JAVA
- FRAME WORK USED: Flask