Practical 1:
Project Introduction

Introduction

Today all the work at the time of admission of the students is done manually by ink
and paper, which is very slow and consuming much efforts and time. It is required to Design of a Computerized Automated Student Admission System, to speed up and make it easy to use system.

The **admission management system** is software that enables educational institutions to conduct student admission and enrolment procedures online. The admission team manages student inquiries, check eligibility criteria , follow-up, collect document. Also include online payment

The goal of the 'Online Admission System' is to automate the academic institute's admission structure and its related operation and functionality.

Key features include:

The Web/App show the online admission portal based on multiple criteria(cast, marks, category, religion, specially-abled quota), provide the merit list for admission , admission provide branch choice by student, online admission fees, verification of admission, some key features are given below:

- **Inquiry management:** inquiry of admission by filling a form given in website and request for virtual meeting or request a return call.
- **Open Admission**: You can begin the process by opening the online registration & admission procedure link where students would be able to send online application forms along with registration fees.
- **Pre-define Eligibility Criteria**: You get the provision to predefine the eligibility criteria for online student admission based on various factors such as marks, caste, category, religion, specially-abled quota, etc.
- **Merit List Generation**: Once you start receiving the online applications for college, school, or university you might be administrating, you can generate a merit list by filtering out most eligible students who fit into the admission criteria.

- **Verify & Close the Admission:** Next step is the online verification of the student documents that are shortlisted for admission. You can verify & scrutinize the scanned copies of documents directly & close the admission Functional Requirement

- **SMS & Email Integration :** After complete the admission process you will get auto generated message by system

- **Career Guidance Booklet :** provide booklet for get multiple information of department, check faculty details, placement information , recruiter list, department wise seats information.

- **Virtual visit of college :** provide virtual tour of college campus , departments.

- **Course information:** Student can find the information about courses offered by respective college.

- **Record of students :** online generated record of student by system with less effort with error less information store

- **Online chat :** user can direct ask the question at chat box in website.

- **Scholarship :** Types: scholarships may have different types like Need-based scholarship, Merit-based scholarship and scholarship provided by any external.

  Scholarship information: Every scholarship have its own name and also have a unique ID and description about it.

Functional Requirement

There are lots of software requirements specifications included in the functional requirement of the **Online Admission Management System**, which contains various process namely, registration process, payment, status checking, lead management.

Online generated pdf

When user is fill the registration form then after provide soft copy of registration information by system auto generated service.

Update Information

If user can mistake in filling a form then user can change the information.

Record of Faculties

Here , provide the information about respective faculties.

Placement information

It shows the placement list of student with respective company. Also provide respective company information or link of that company.

About University

Here in this screen, details about college/university.

Contact Us

Here, provide contact information about college/university, provide admission faculty contact list , Email-Id , also provide location of respective college/university, provide contact form.

Call Support

Management capture all inquiries of Users via inquiry by inquiry portal and sort-out all students inquiries with no longer time.

Follow-up service

Admission management site helps students to complete their application and at that same time, notifies the admission reps to follow-up with students.

Real time Reports :

Institutes can monitor the ongoing process. Have a day-to-day summary of the progress of the admission, and generate real-time analytics-driven student admission-related reports such as student payment history, final student list, etc via the ERP system.

Payment Methods :

User can payment with multiple way of payment methods provided by website like credit card, debit card, net banking, UPI, GPay, Amazon Pay, Paytm, PhonePe.

Non-Functional Requirement

Availability

The system should be available to users at all time.

Responsiveness

When app gets interrupted by call, then app should able to save state and return to same state/ page which was there before it got interrupted.

Screen Adaption

Application should be able to render its layout to different screen sizes. Along with automatic adjustment of Font size and image rendering.

Reliability

The system should be reliable in such a way that it performs each task properly at all time without producing any ambiguous result.

Security

The system with sensitive data should be protected from unwanted access.

Scalability

Here system should be able to increase the scale of website with no load when multiple user can access the website.