



Online College Admission with Entrance Exam

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ABSTRACT: -

Traditional college admission is a hectic process, which involves students visiting off-site campus, taking application, filling it and entrance examination and then submission is another hectic story. On the day of admission, the flow of candidates is very high and it requires both manual processing and record keeping at the same time that makes the process lengthy and difficult to keep track of the admission status of a candidate in multiple departments. At present admission process is done manually with pen and paper which is very inefficient and utilizes much efforts and time.

Key-Words: - WAMP Server, HTML, PHP, Macromedia, MySQL.

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. In the modern world of technology, computer are affecting our lives in more ways than we probably are aware of **Computerised management** maintaining information of an educational institute, colleges, other the list is endless. The main principle behind the need of college admission system is easy supervision of institutes and it will also be useful in COVID-19 like situations, When students can not go to college for admission. It can handle the details of students such as personal details or admission details. This Student Database has been designed taking into account the practical needs to manage a Students data. This can also conduct the online examination after filling the Application form.

Problem Formulation

Student admissions are a vital part of any College's running because students are what keep a College alive. The student admission is one of the most important activities within a College as one cannot survive without students. A poor admissions system can mean fewer students being admitted into a College because of mistakes or an overly slow response time. The process begins with a potential student completing an application form through the Universities and Colleges Admissions Service, the first step for students is to apply directly to the College through a custom online form. The next step is for the Admissions service center has to review the application and ensure that all of the required information has been provided. The application in its entirety is then forwarded, complete with a recommendation, to the respective department's Admissions Tutor, who has the final say as to whether each potential student is Accepted or rejected. Before making a decision, the Admissions Tutor reviews the application and the additional documentation, comparing the academic credentials to a list of College rankings and previous, similar applications.

The main objective of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

- Manage large number of student details.
- Manage all details of student who registered for the course and send appropriate details about the course to the students account.
- Create student accounts and maintain the data's effectively.
- View all the details of the students.
- Create the statistical reports.
- Conduct online entrance examination

Literature Review

Review of Literature aims at establishing requests for the system to be acquired, developed and installed. It involves studying and analyzing the ways of an organization currently processing the data to produce information. Analyzing the problem thoroughly forms the vital part of the system study. In system analysis, prevailing situation of problem carefully examined by breaking them into sub problems. Problematic areas are identified and information is collected. Data gathering is essential to any analysis of requests. It is necessary that this analysis familiarizes the designer with objectives, activities and the function of the organization in which the system is to be implemented.

2.1 PROJECT IDENTIFICATION OF NEED

As the strength of the students is increasing at a tremendous speed, manual maintenance of student admission is very difficult. Hence, the need for online admission is inevitable. In case of manual system they need a lot of time, manpower etc. Here almost all work is computerized. So the accuracy is maintained. Maintaining backup is very easy. It can do with in a few minutes.

2.2 PRELIMINARY INVESTIGATION

2.2.1 STUDY OF EXISTING SYSTEM

Today in colleges student details are entered manually. The student details in separate records are tedious task. Referring to all these records and updating is needed. There is a chance for more manual errors.

- When the student comes in college.
- First of all, he/she takes admission form from reception.
- Fills it and submits it into office.
- Filled form is first checked with documents like merit list and details came from university and verified by an official person, if there is any mistake then it is corrected.
- At the time of submission of it the fees is deposited by the candidate.
- At the time of submission of admission form admission no. is assigned to the candidate by the institute.
- Candidate gets the receipt of fees deposition.

Disadvantages of Present System:-

- Require much man power i.e. much efforts, much cost and hard to operate and maintain.
- Since, all the work is done in papers so it is very hard to locate a particular student record when it is required.

2.2.2 PROPOSED SYSTEM

The main goal of the system is to automate the process carried out in the organization with improved performance and realize the vision of paperless admission. Some of the goals of the system are listed below:

- Manage large number of student details.
- Create student accounts and maintain the data's effectively.
- View all the details of the students.
- Reduce the work load in interview the students for selection
- Activities like updating, modification, deletion of records should be easier.

2.2.3 ADVANTAGES OF PROPOSED SYSTEM

The aim of the proposed system is to address the limitations of the current system. The requirements for the system have been gathered from the defects recorded in the past and also based on the feedback from users of previous metrics tools. Following are the objectives of the proposed system:

- *Reach to geographically scattered students.* One of the important objectives of the admission system is communicate with all the students scattered geographically.
- *Reducing time in activities.* Reduce the time taken process the applications of students, admitting a student, conducting the online examination, verify student marks, and send call letters to selected students.
- *Centralized data handling.* Transfer the data smoothly to all the departments involved and handle the data centralized way.
- *Paperless admission with reduced manpower.* Reduce the manpower needed to perform all the admission and administration task by reducing the paper works needed.
- *Cost cutting.* Reduce the cost involved in the admission process.
- *Operational efficiency.* Improve the operational efficiency by improving the quality of the process.

Methodology

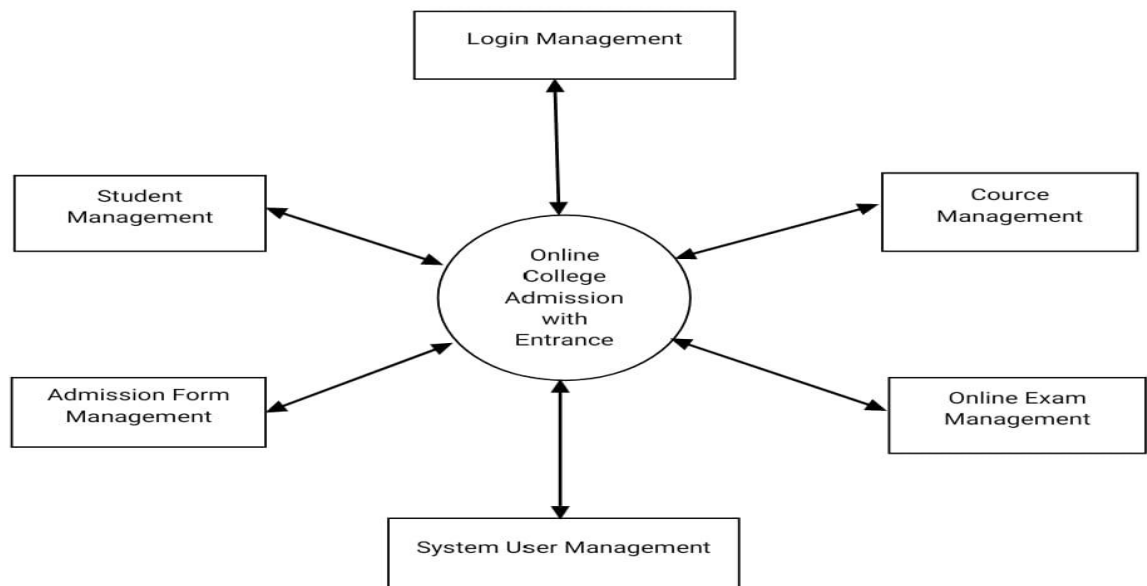
In this project we are going to use Agile Software development methodology because during the time duration of development if any requirement changes then we can handle them efficiently using this methodology.

In the initial phases we will gather all the requirements and on the basis of requirements we will start designing our project with the help of ER-Diagram, DFD and UML models.

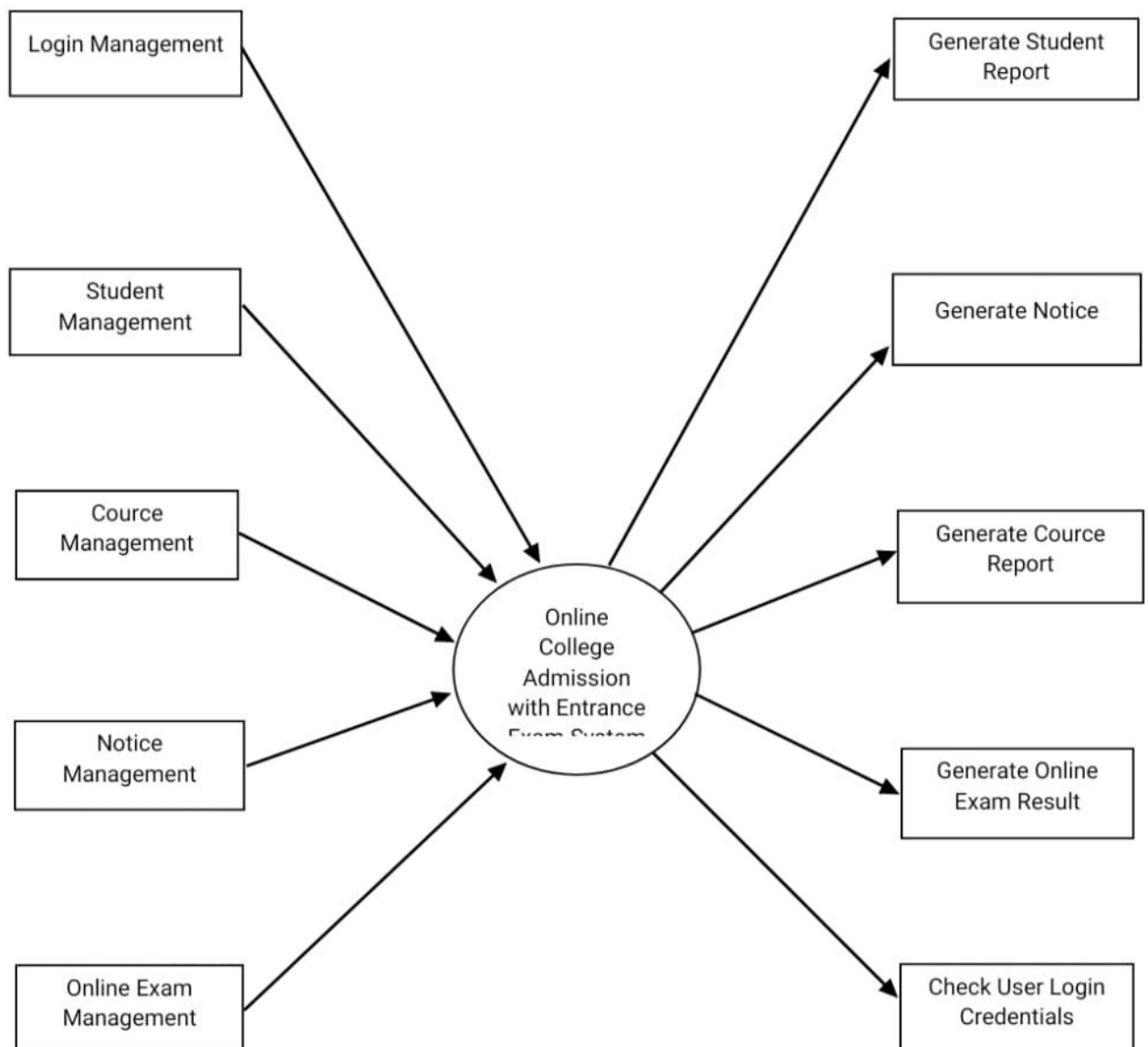
After designing phase completed we will start front end development using HTML, CSS and javascript along with the backend development using PHP and MYSQL. During this coding phase we will also do unit testing after completion of each module.

In the last phase we will do the overall testing of the project and then deploy the project.

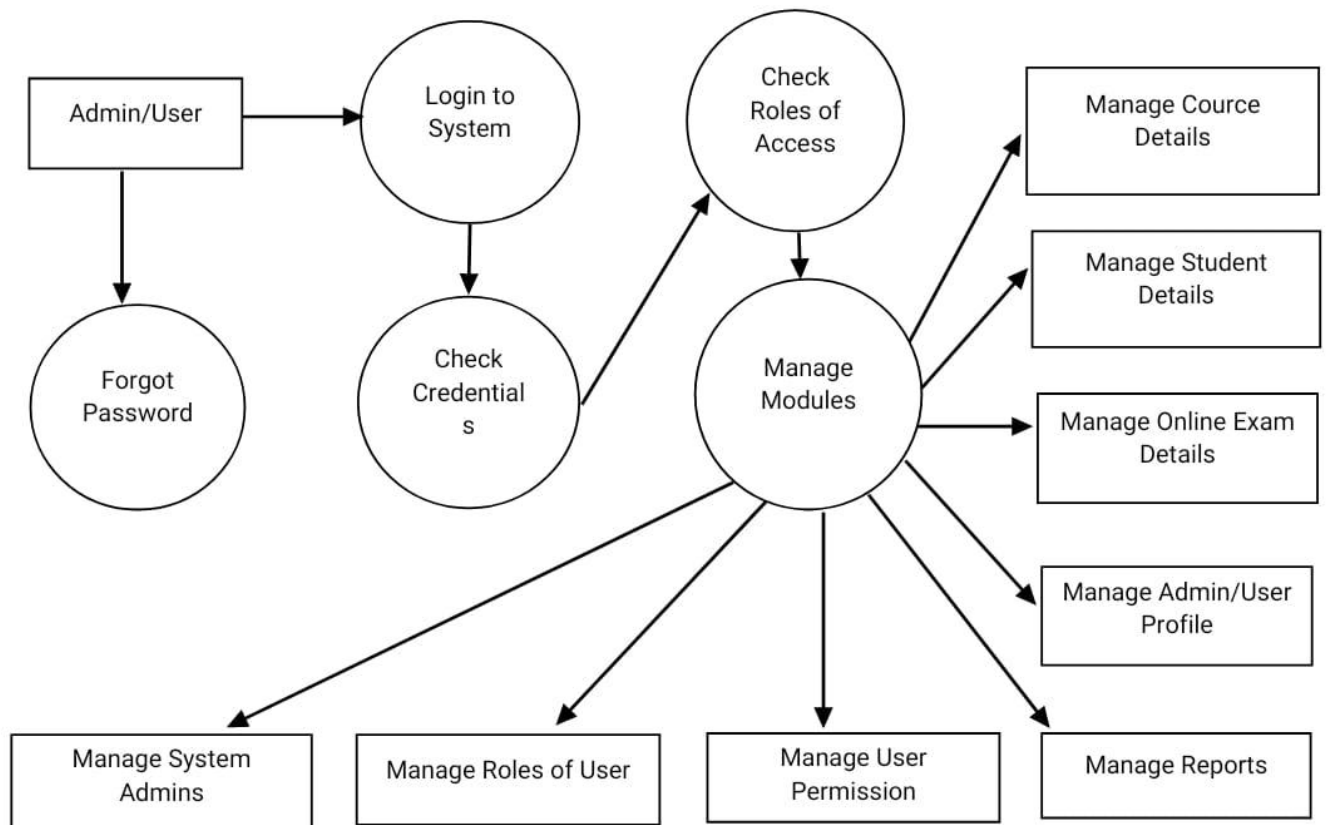
Fig.1 DATA FLOW DIAGRAM



Zero level DFD

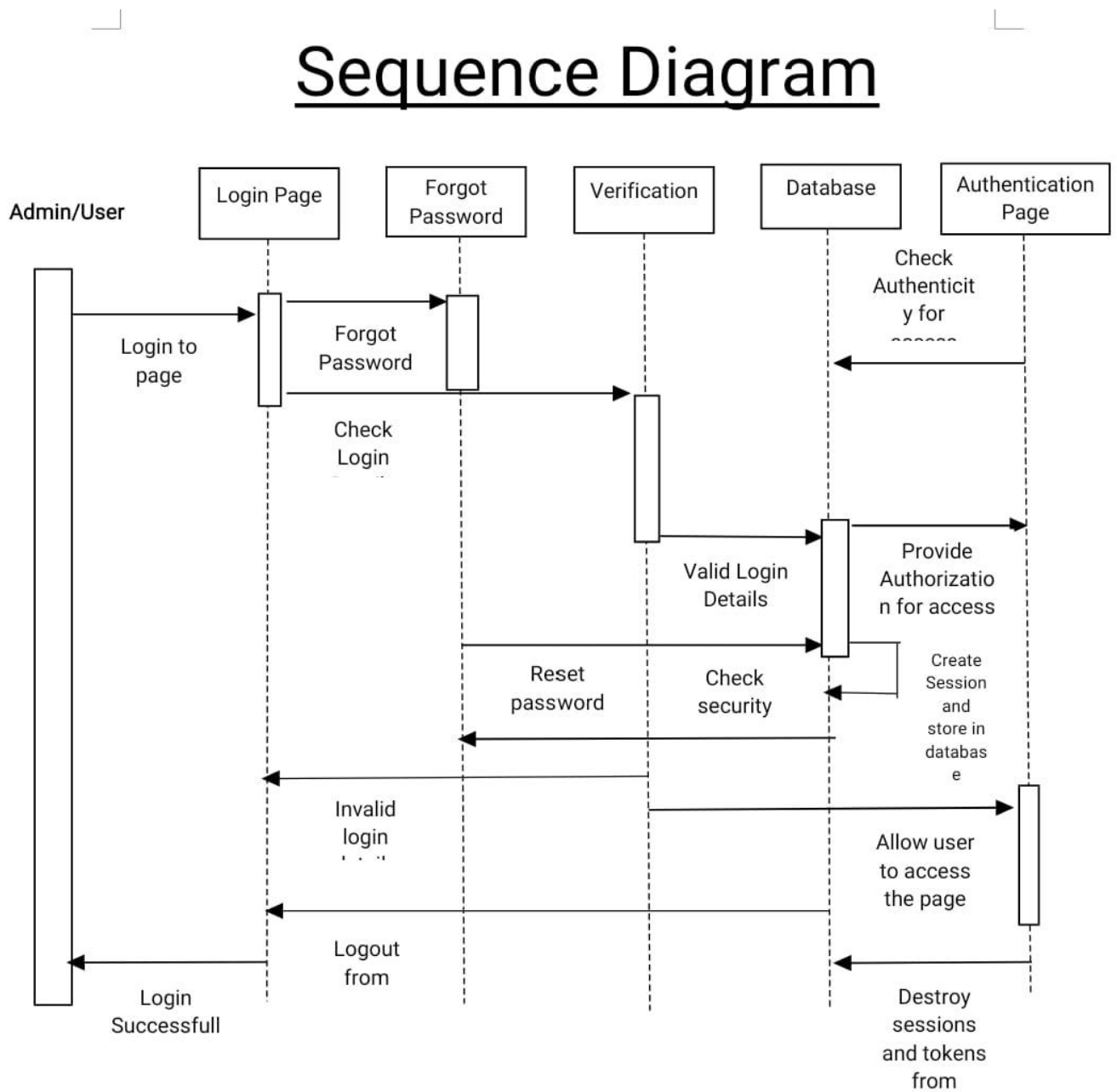


First Level DFD



Second Level DFD

Fig.2 SEQUENCE DIAGRAM



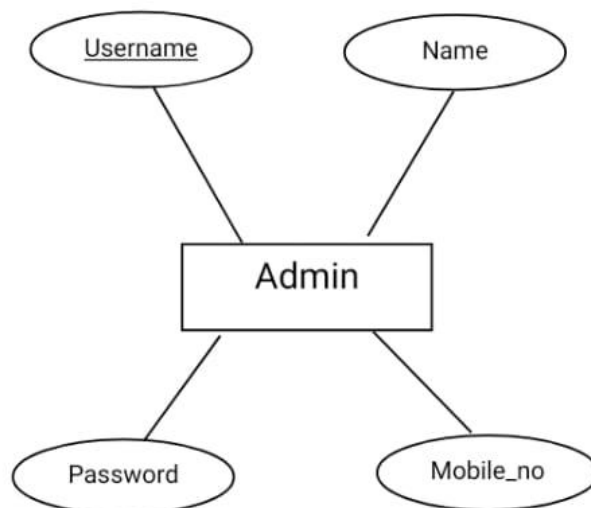
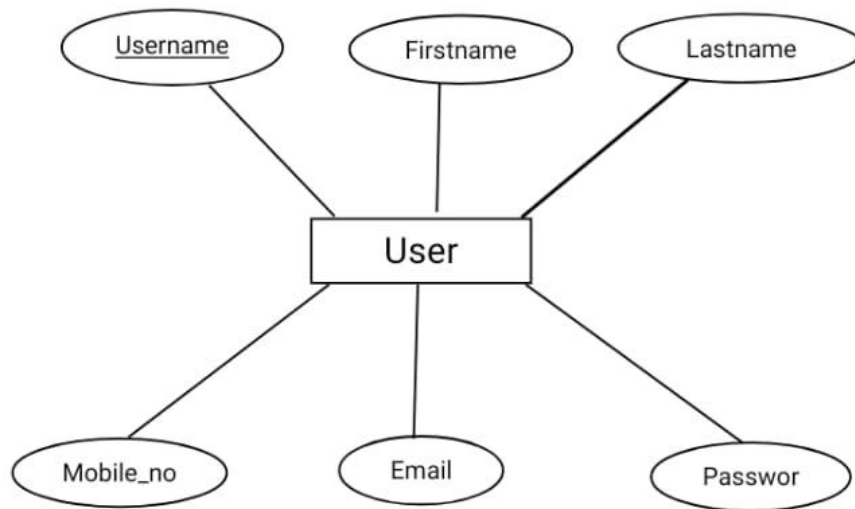
Login Sequence Diagram for both User and

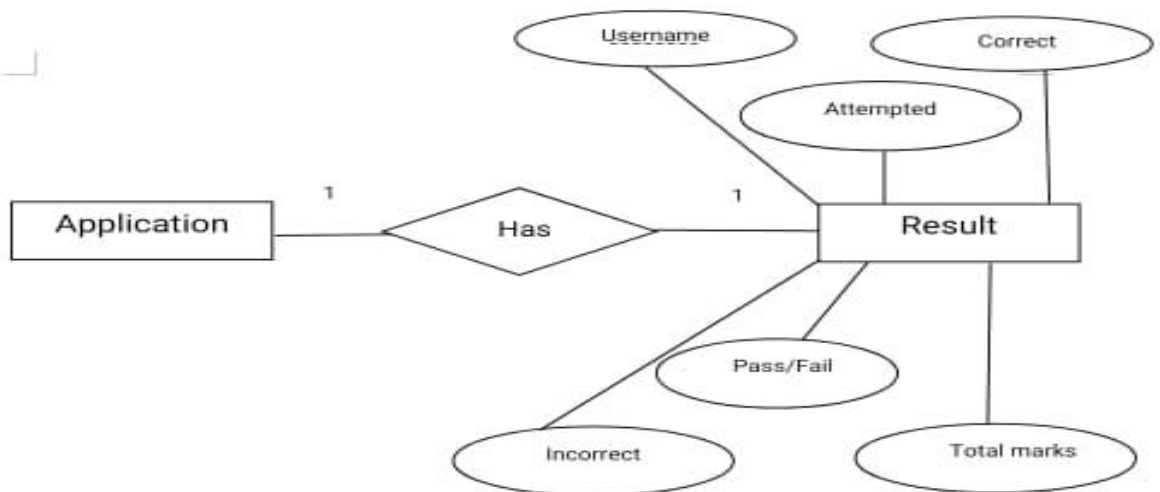
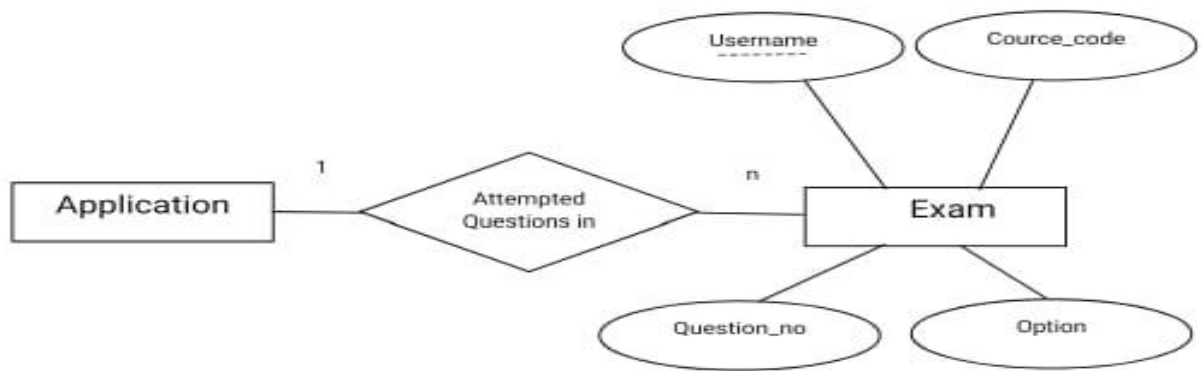
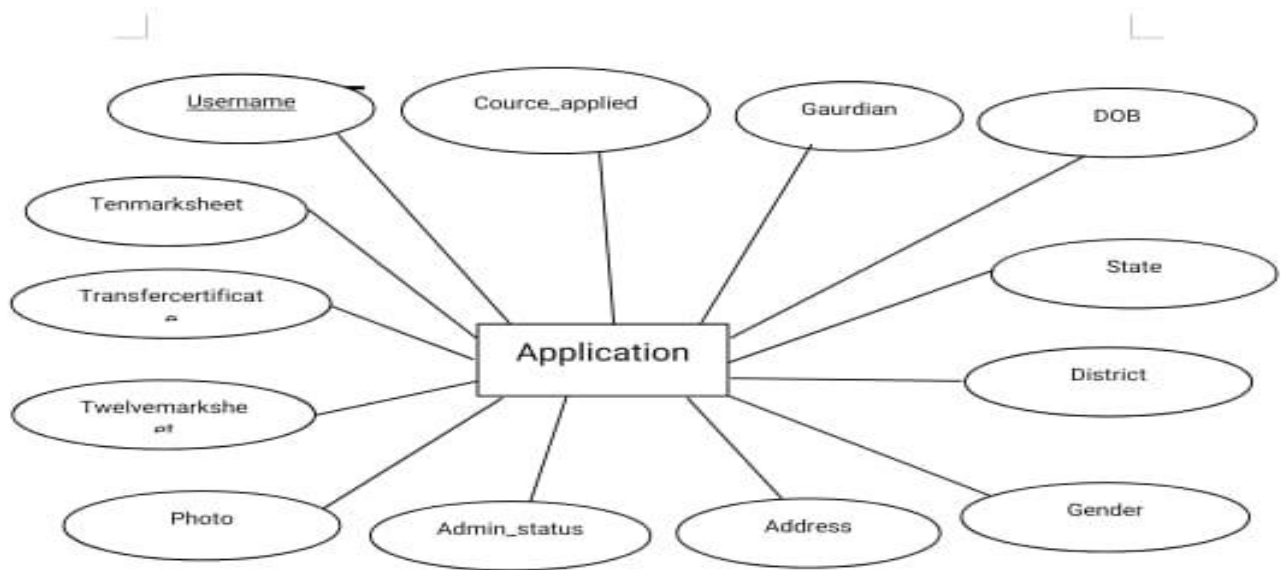
Fig.3 ACTIVITY DIAGRAM

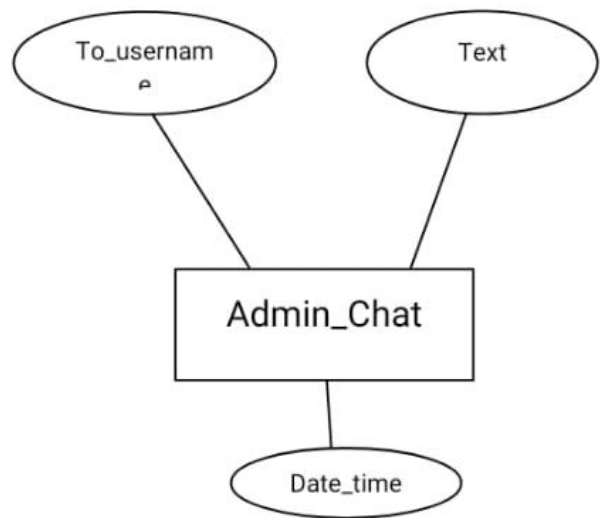
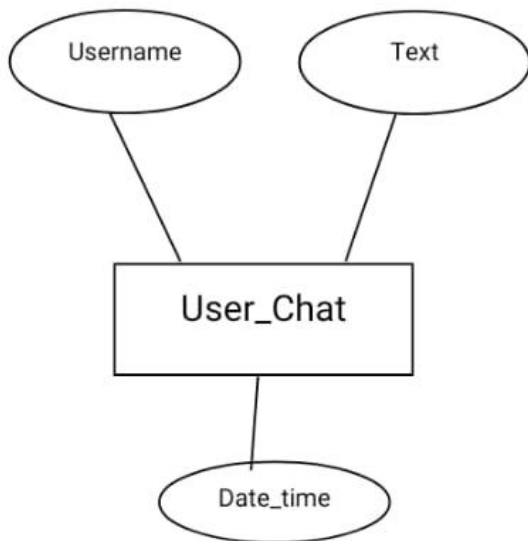
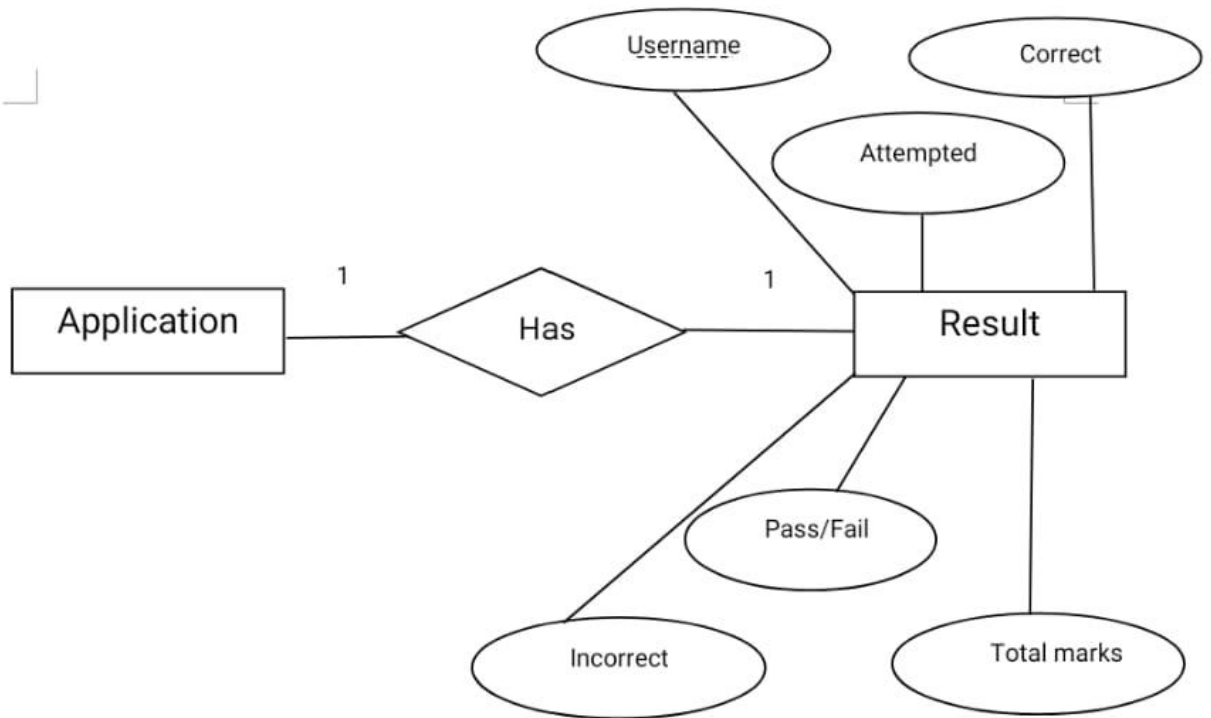
**Login Activity Diagram**

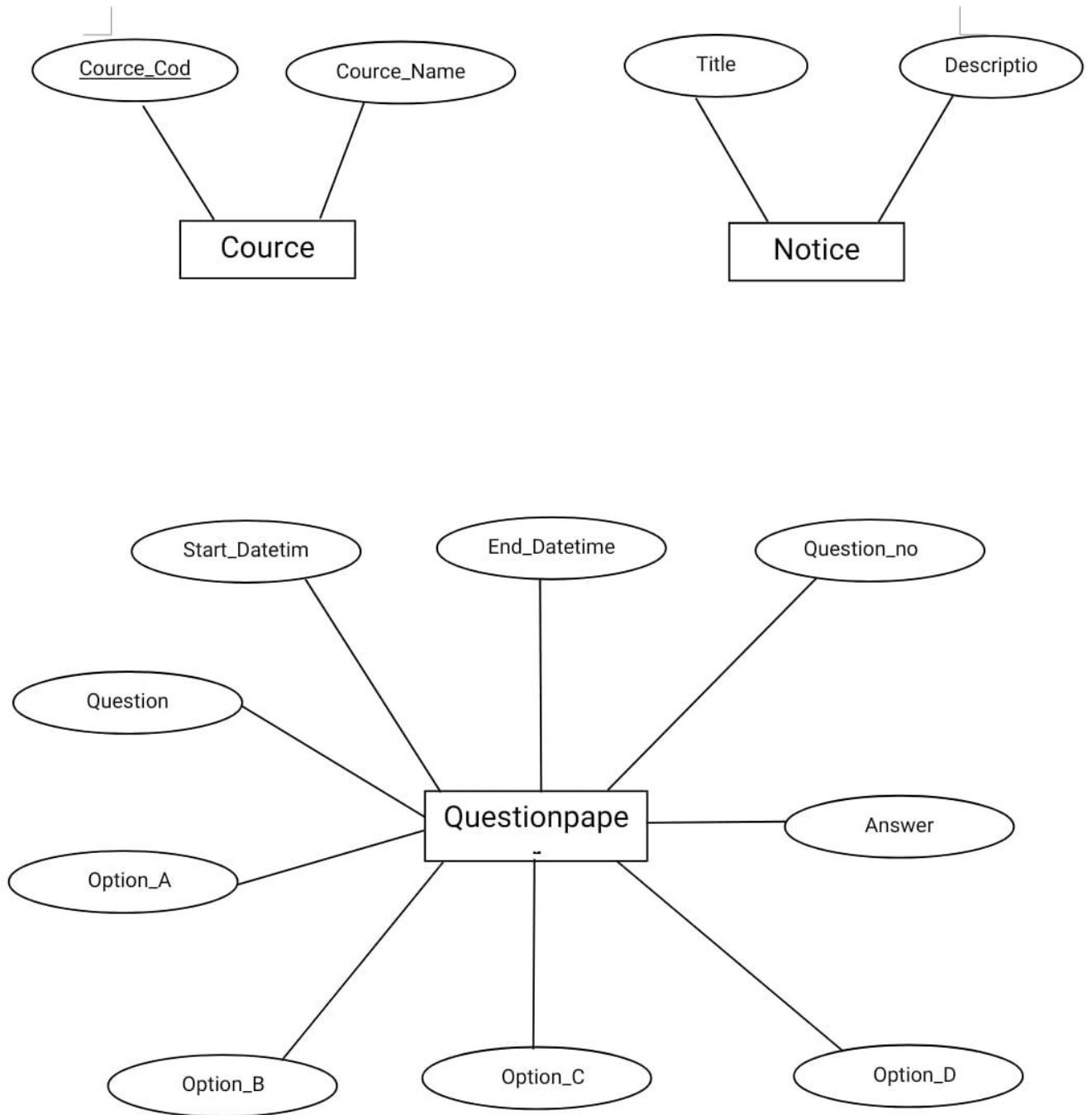
Fig.4 ER DIAGRAM

ER-Diagram









Result Discussions

- User can register himself. After registration user can login into system and apply for admission.
- After successful submission of admission form application will pop up in admin panel for review .
- If application is selected user can give online entrance examination and if he/she passed the exam then they have to upload their documents.
- User can update their profile details
- Change his / her own password.
- Admin login should be present who can read as well as view any uploads.
- Admin can select and reject any application.

College Admission Management System | User Signup

CAMS User Signup

Please Sign Up

First Name Last Name

Contact Number

Email Address

Password Repeat Password

I Agree By clicking Register, you agree to the [Terms and Conditions](#) set out by this site, including our [Cookie Use](#).

College Admission Management System | User login

CAMS User Login

Login

Registered Email or Contact Number

Password

[Forgot password?](#)

Admission Form



Course Applied

Student Pic

 No file chosen

Father's Name

Mother's Name

DOB

Nationality

Gender

Category : General OBC SC/ST Other

Correspondence Address

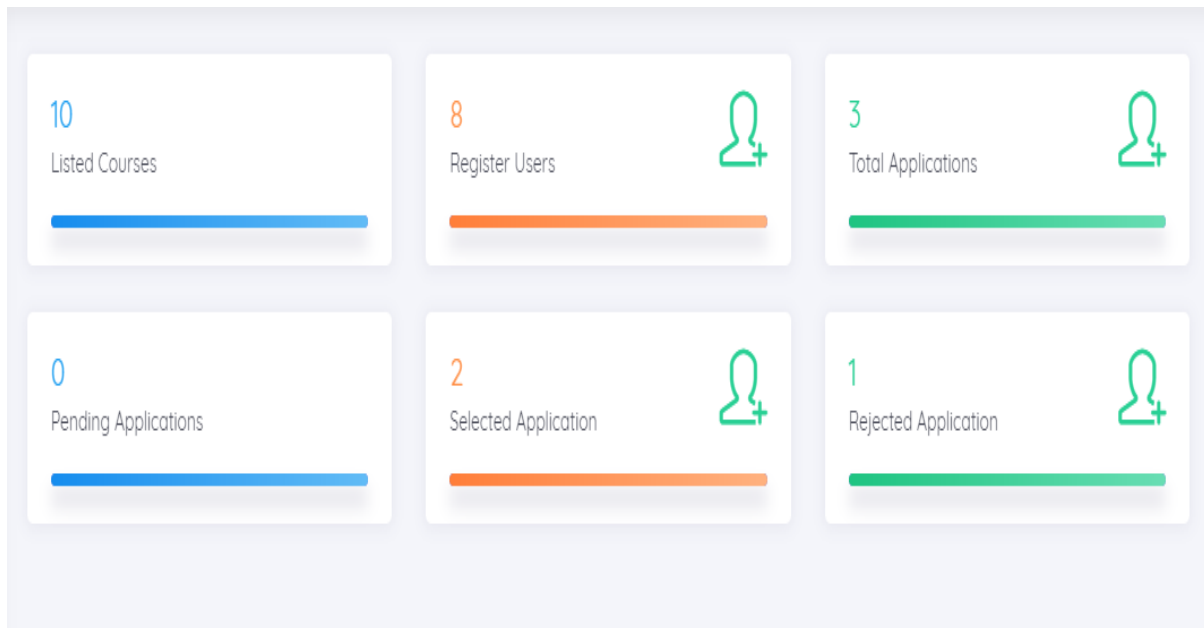
Permanent Address

Education Qualification

#	Board / University	Year	Percentage	Stream
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12th(Senior Secondary)	<input type="text" value="Board / Universit"/>	<input type="text" value="Year"/>	<input type="text" value="Percentage"/>	<input type="text" value="Stream"/>
Graduation	<input type="text" value="Board / Universit"/>	<input type="text" value="Year"/>	<input type="text" value="Percentage"/>	<input type="text" value="Stream"/>
Post Graduation	<input type="text" value="Board / Universit"/>	<input type="text" value="Year"/>	<input type="text" value="Percentage"/>	<input type="text" value="Stream"/>

Declaration

I hereby state that the facts mentioned above are true to the best of my knowledge and belief.



Conclusion

In this way we are going to develop college admission system, which is helpful for Reduction in manual work so less manpower required. Students' records can be accessed within few seconds, Clarity in account section. Our system primarily focuses on building an efficient and user friendly communication system for the educational institutions.

Acknowledgment

We are sincerely grateful to our college "ACROPOLIS INSTITUTE OF TECHNOLOGY AND RESEARCH" for giving us an opportunity to work on the project which enable us to learn new Technologies and enhance our skills which would be helpful to us in our professional career. We would also like to thank our Professors Prof. Kurpi p Saraf and Prof. Praveen Bhanodia for their consistent guidance and help whenever we required.

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- ❖ <https://www.w3schools.com/js/default.asp>
- ❖ <https://www.geeksforgeeks.org/php-tutorials/?ref=lbp>