

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, ALLAHABAD
(Deemed University)

(A centre of excellence in IT, established by Ministry of HRD, Govt. of India)

DBMS Mini Project: University Admission System.

Abstract of the project

This project is aimed at developing a University Admission System (UAS) for applicants. This system can be used to search a university program for which an applicant wishes to take admission; apply for a selected university program without any login and fill up the form, administration staff can add/update/delete any program that university offers. Members of admission committee have the responsibility to filter the candidates for a specific program on the basis of application data and interview. There are features like report generators etc in this system..

Specific Technology

Oracle/Access, Java, Swing, JDBC for Oracle Connectivity.

Project Tasks

- Draw ER diagram,
- Key attributes, Non-key attributes, Primary key identification,
- Data base design has to be done.
- Front-end and back end, finalization along with connectivity.

Functional components of the project

Following is a list of functionalities of the system. More functionality that you find appropriate can be added to this list. And, in places where the description of functionality is not adequate, you can make appropriate assumptions and proceed.

1. Applicant should be able to
 - View all programs scheduled by the university
 - Apply online for a scheduled program of the university, by filling up the application form that auto generates the application ID
 - View the application status, based on the application ID
2. The member of admission committee (mac) should be able to :
 - Login into the system using his/her credentials.
 - View applications for a specific program.
 - Accept/Reject an application on the basis of the details of the applicant. If accepted, fill in the scheduled date for an interview of the applicant before confirming the applicant to take the program.
 - After the interview, update the status of the application to Confirmed/Rejected

3. The administration should be able to • login to the system using his/her credentials
- Update and manage (add or delete) information of the programs offer by the university
 - Manage (add or delete) schedules of the programs offered by the university
 - Generate various reports like:
 - i. View List of applicants confirmed/ accepted (waiting for interview)/rejected for a scheduled program.
 - ii. View list of programs scheduled to commence in a give time period

Transition of Status: Applied ->Accepted/Rejected->Confirmed/Rejected

Submission

The project presentation has to be done by each member to show periodically the progress and the complete project submission should contain the following:

- ER diagram:- key attributes , non key attributes, and primary key identification.
- All the Java source code should necessary to compile and execute.