

College Admission Management

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CHAPTER 1

INTRODUCTION

The “College admission database management system’s” objective is to provide a system which manages the student and faculties details, the activity done in a college depends upon the students enrollment and the courses handled by the faculties and the maintenance of this records is very difficult because of its hugeness. The users will consume less amount of time through computerized system rather than working manual. The system will take care of all the college activities like managing each student’s records and faculties records like which instructor belong to which section and about their qualification details etc.

Data storing is easier. Paper work will be reduced and college staffs spend more time on monitoring the progress. The system is user friendly and easy to use. All the important data’s will be stored in the database and it avoids the miscalculation.

This project is helpful in maintaining the college’s records, like maintaining student information, their enrollment to branches, subjects they have selected and when we come to faculties records like, which instructor handles which branch, information about their qualification, subjects they handle, experience in teaching.

Admin has the authority to add student and faculties details. And he also has the right to edit or delete student and faculties information to/from the list. Admin provides a unique username and password for each students and faculties through which he/she can login all information’s are being saved in the database.

CHAPTER 2

SOFTWARE REQUIREMENT

2.1 Hardware Requirements

- **Processor** : Intel core i3
- **Keyboard** : 110 keys enhanced
- **Mouse** : Standard
- **Monitor** : 15” color display
- **RAM** : 8GB

2.2 Software Requirements

- **Back end** : MYSQL 5.1
- **Operating System** : Windows 10
- **Front end** : Netbeans 8.2

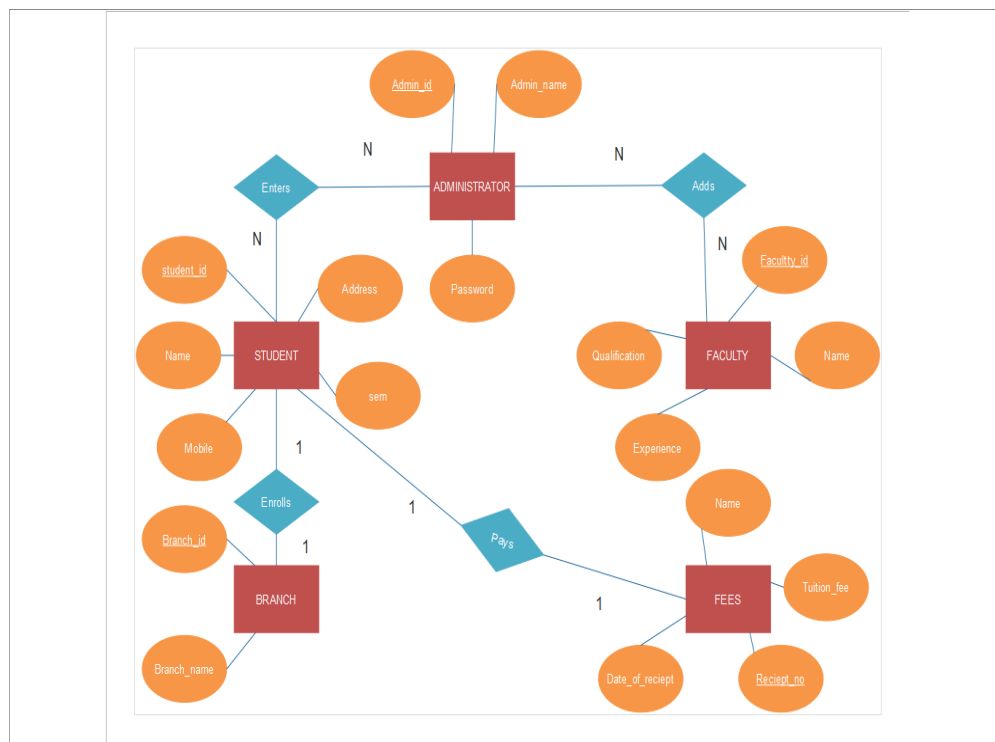
CHAPTER 3

DESCRIPTION

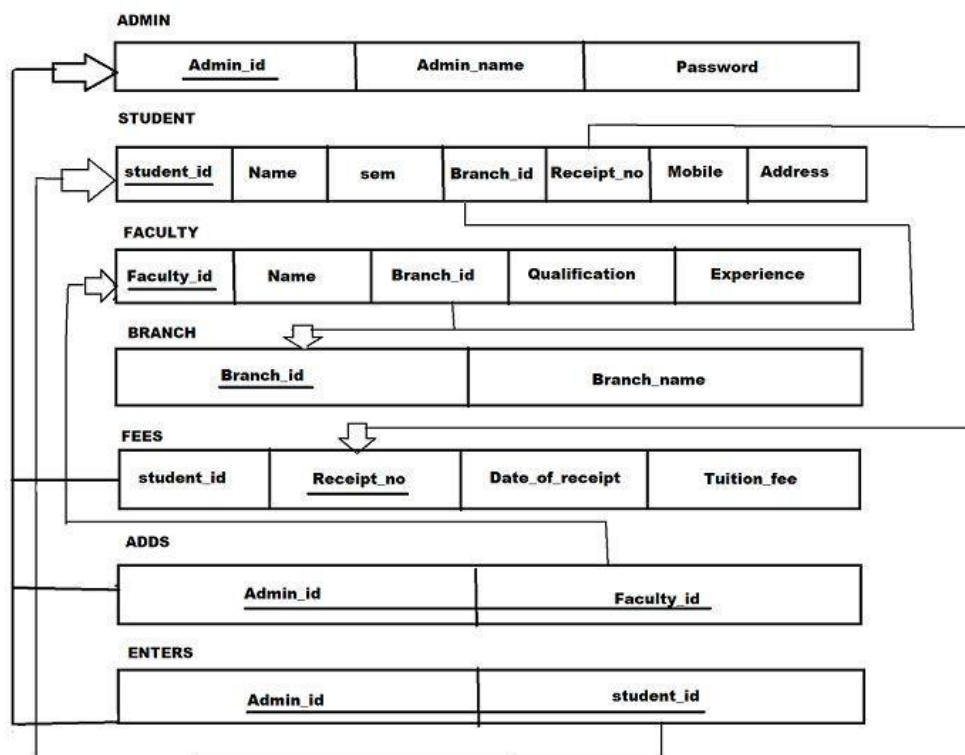
3.1 Entity Relation Diagram

The ER diagram describes data as entities, relationships and attributes.

3.1.1 Entities and their attributes: The basic object that the ER model represents is an entity, which is a thing in the real world with an independent existence. Each entity has attributes, which are the particular properties that describe it.



3.2 RELATIONAL SCHEMA



3.3 TABLE DESCRIPTION

1. ADMIN

Field	Type	Null	Key	Default	Extra
Admin_id	int(11)	NO	PRI	NULL	
Admin_name	varchar(30)	NO		NULL	
Password	int(11)	NO		NULL	

Fig 1

It is the description of Admin entity

2. STUDENT

Field	Type	Null	Key	Default	Extra
Student_id	int(11)	NO	PRI	NULL	
Name	varchar(30)	NO		NULL	
Branch_id	int(11)	NO	MUL	NULL	
Sem	int(11)	NO		NULL	
Reciept_no	int(11)	NO	MUL	NULL	
Mobile	int(11)	NO		NULL	
Address	varchar(30)	NO		NULL	

Fig 2

It is the description of Student entity

3.FACULTY

Field	Type	Null	Key	Default	Extra
Faculty_id	int(11)	NO	PRI	NULL	
Name	varchar(30)	NO		NULL	
Branch_id	int(11)	NO	MUL	NULL	
Qualification	varchar(30)	NO		NULL	
Experience	int(11)	NO		NULL	

Fig 3

It is the description of Faculty entity

4. BRANCH

Field	Type	Null	Key	Default	Extra
Branch_id	int(11)	NO	PRI	NULL	
Branch_name	varchar(30)	NO		NULL	

It is the description of Branch entity **Fig 4**

5. FEES

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	NO		NULL	
Receipt_no	int(11)	NO	PRI	NULL	
Tuition_fee	float	NO		NULL	
Date_of_receipt	date	NO		NULL	

Fig 5
It is the description of Fees entity

6. ADDS

Field	Type	Null	Key	Default	Extra
Admin_id	int(11)	NO	PRI	NULL	
Faculty_id	int(11)	NO	PRI	NULL	

Fig 6
It is the description of Adds entity

7. ENTERS

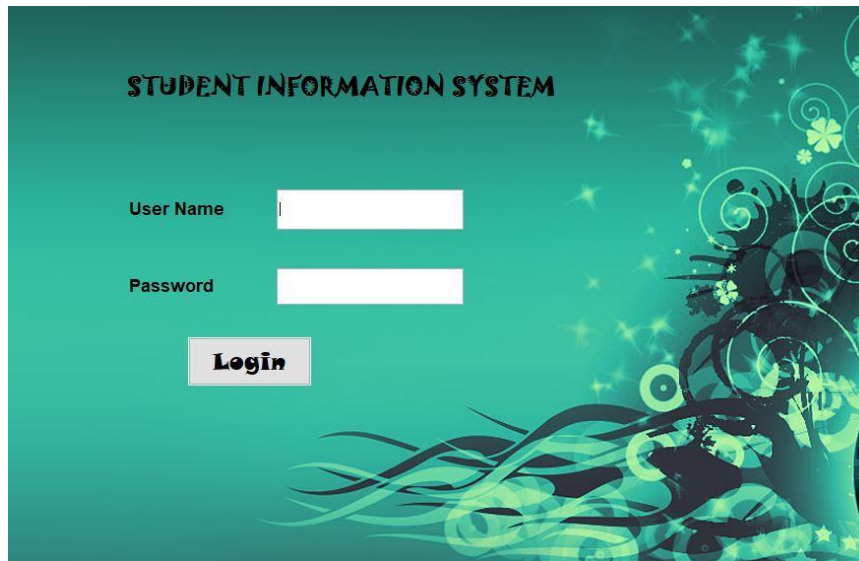
Field	Type	Null	Key	Default	Extra
Admin_id	int(11)	NO	PRI	NULL	
Student_id	int(11)	NO	PRI	NULL	

Fig 7
It is the description of Enters entity

CHAPTER 4

SNAPSHOTS

✧ Login Page



A screenshot of a login page for a 'STUDENT INFORMATION SYSTEM'. The page has a teal background with a decorative swirl pattern on the right. It contains two input fields for 'User Name' and 'Password', and a 'Login' button.

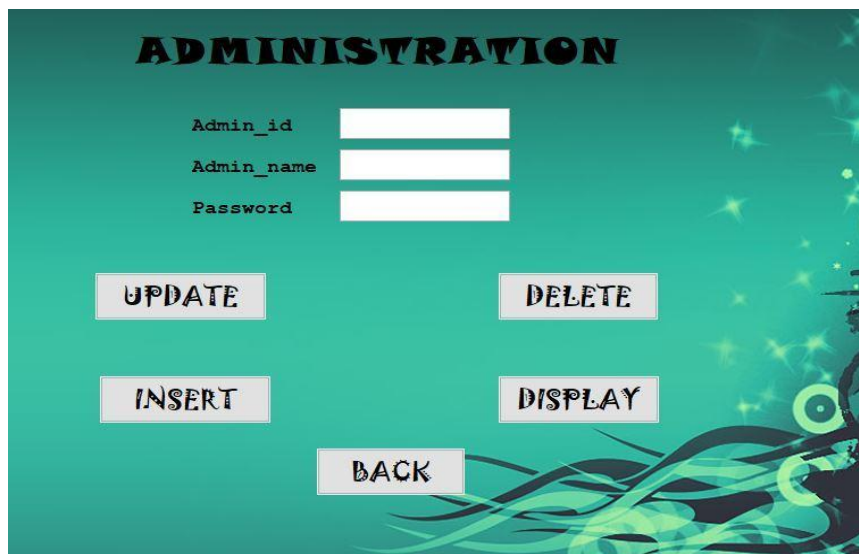
STUDENT INFORMATION SYSTEM

User Name

Password

Login

✧ Admin Page



A screenshot of an administration page. It features a teal background with a decorative swirl pattern on the right. The page includes three input fields for 'Admin_id', 'Admin_name', and 'Password', and five buttons: 'UPDATE', 'DELETE', 'INSERT', 'DISPLAY', and 'BACK'.

ADMINISTRATION

Admin_id

Admin_name

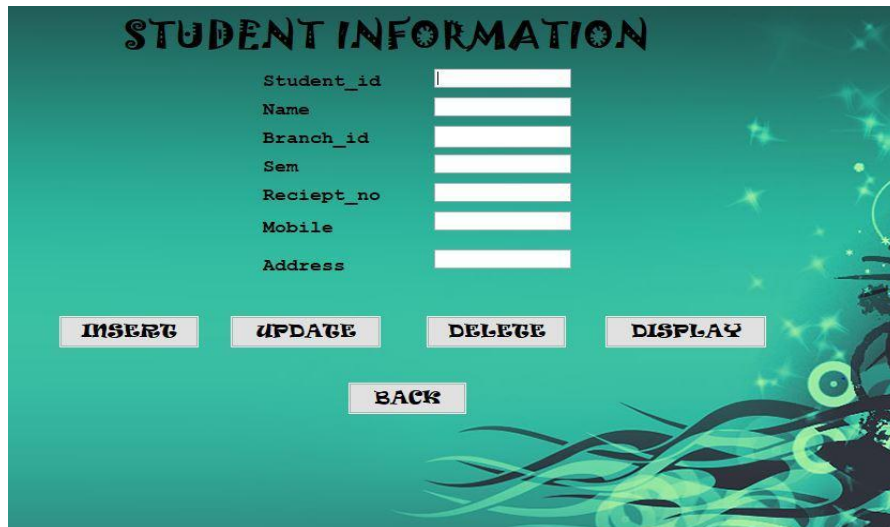
Password

UPDATE **DELETE**

INSERT **DISPLAY**

BACK

✧ Student Page

A screenshot of a web form titled "STUDENT INFORMATION" on a teal background with a decorative swirl pattern in the bottom right. The form contains seven input fields: Student_id, Name, Branch_id, Sem, Reciept_no, Mobile, and Address. Below the fields are five buttons: INSERT, UPDATE, DELETE, DISPLAY, and a centered BACK button.

STUDENT INFORMATION

Student_id

Name

Branch_id

Sem

Reciept_no

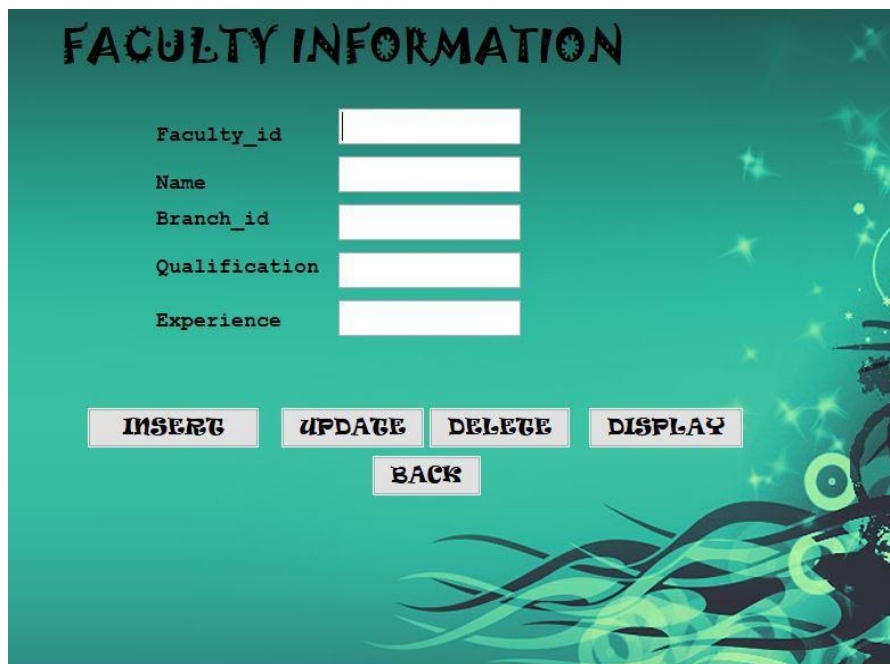
Mobile

Address

INSERT **UPDATE** **DELETE** **DISPLAY**

BACK

✧ Faculty Page

A screenshot of a web form titled "FACULTY INFORMATION" on a teal background with a decorative swirl pattern in the bottom right. The form contains five input fields: Faculty_id, Name, Branch_id, Qualification, and Experience. Below the fields are five buttons: INSERT, UPDATE, DELETE, DISPLAY, and a centered BACK button.

FACULTY INFORMATION

Faculty_id

Name

Branch_id

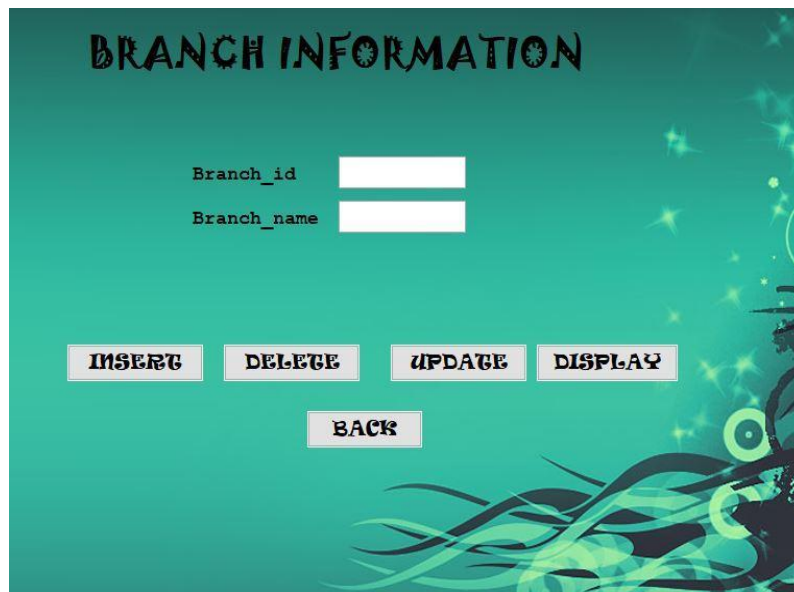
Qualification

Experience

INSERT **UPDATE** **DELETE** **DISPLAY**

BACK

✧ Branch Page



A screenshot of a web form titled "BRANCH INFORMATION" on a teal background with a decorative pattern of green and yellow swirls and stars in the bottom right corner. The form contains two input fields: "Branch_id" and "Branch_name". Below the input fields are five buttons: "INSERT", "DELETE", "UPDATE", "DISPLAY", and "BACK".

BRANCH INFORMATION

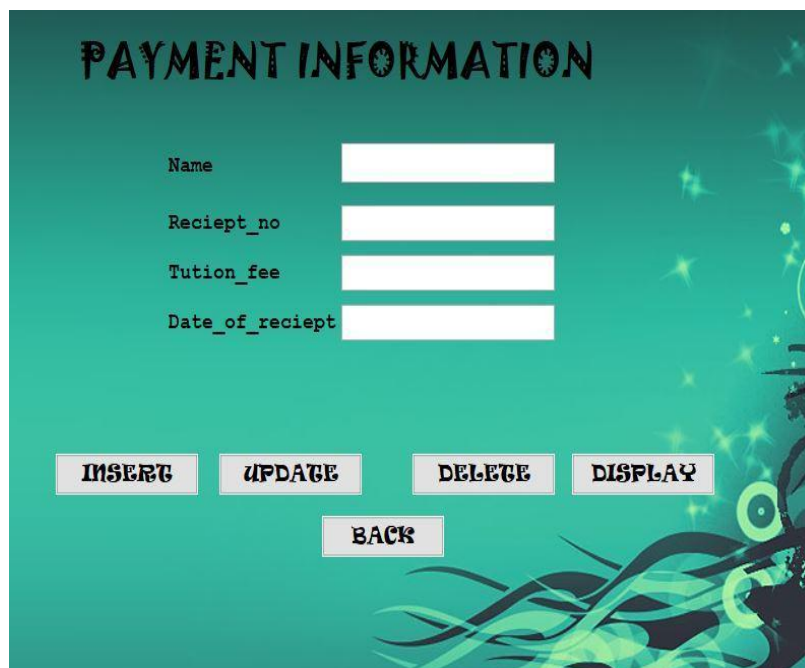
Branch_id

Branch_name

INSERT **DELETE** **UPDATE** **DISPLAY**

BACK

✧ Payment Page



A screenshot of a web form titled "PAYMENT INFORMATION" on a teal background with a decorative pattern of green and yellow swirls and stars in the bottom right corner. The form contains four input fields: "Name", "Reciept_no", "Tution_fee", and "Date_of_reciept". Below the input fields are five buttons: "INSERT", "UPDATE", "DELETE", "DISPLAY", and "BACK".

PAYMENT INFORMATION

Name

Reciept_no

Tution_fee

Date_of_reciept

INSERT **UPDATE** **DELETE** **DISPLAY**

BACK

✧ Adds Page

STUDENT ADMINISTRATION PROCESS

Admin_id

Faculty_id

INSERT **UPDATE** **DELETE** **DISPLAY**

BACK

✧ Enters Page

FACULTY ADMINISTRATION PROCESS

Admin_id

Student_id

INSERT **UPDATE** **DELETE** **DISPLAY**

BACK

CONCLUSION

"College Admission Database Management System" software developed for a student has been designed to achieve maximum efficiency and reduce the time taken to handle the university activity. It is designed to replace an existing manual record system thereby reducing time for calculations and for storing data.

The system is strong enough to withstand regressive daily operations under conditions where the database is maintained and cleared over a certain time of span. The implementation of the system in the organization will considerably reduce data entry, time and also provide readily calculated reports.

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