College Admission Management

CONTENT

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 it’s 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

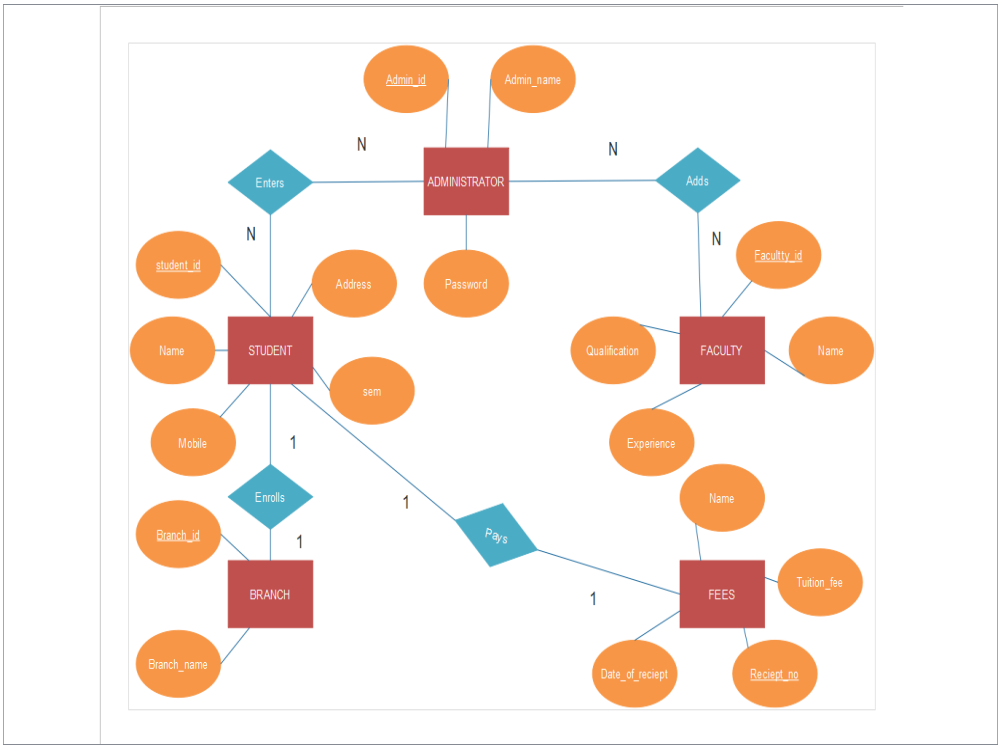
CHAPTER 3

DESCRIPTION

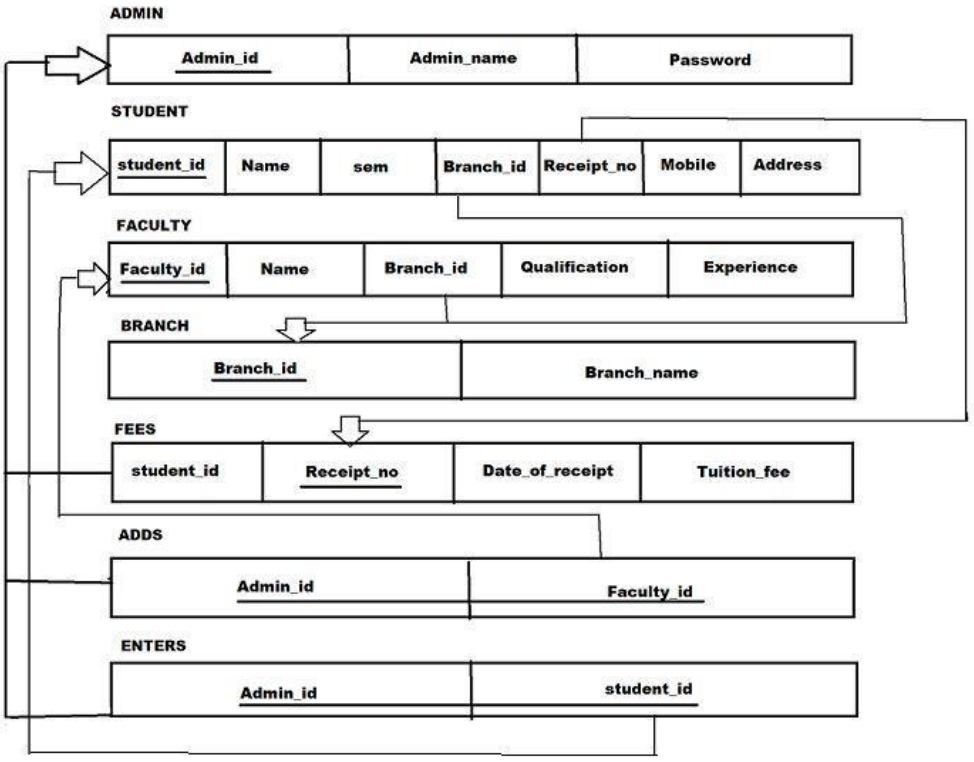
3.1 Entity Relation Diagram

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	

Fig 4

It is the description of Branch entity

5.FEES

Field	Type	Null	Key	Default	Extra
Name	varchar(30)	NO		NULL	
Reciept_no	int(11)	NO	PRI	NULL	
Tuition_fee	float	NO		NULL	
Date_of_reciept	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	

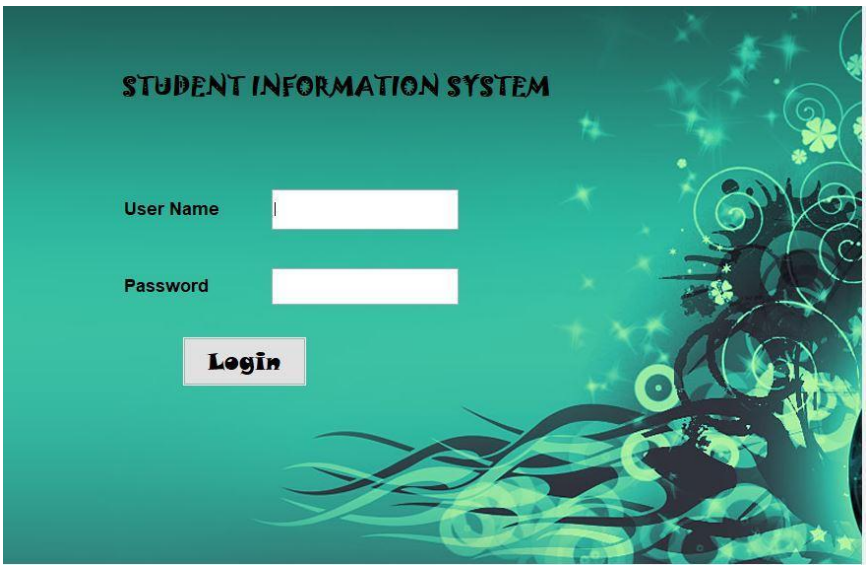
Fig 7

It is the description of Enters entity

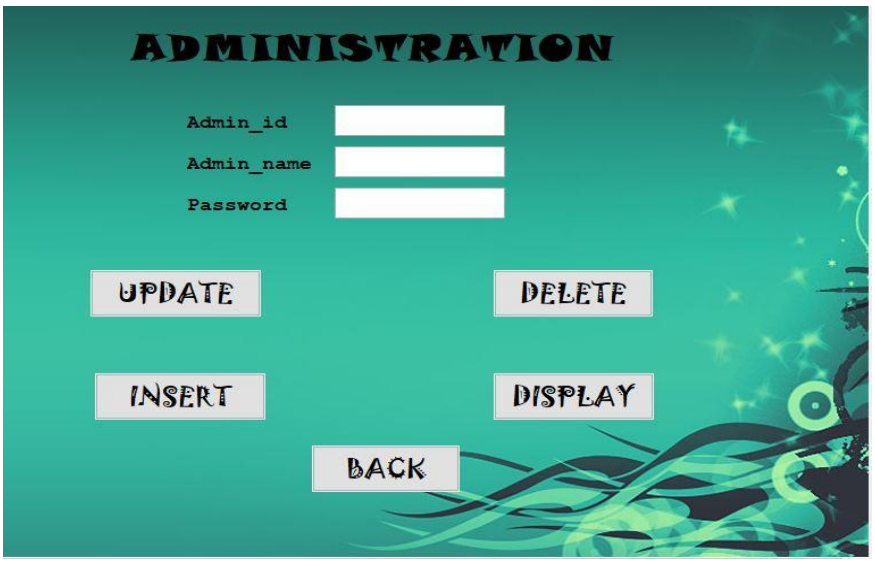
CHAPTER 4

SNAPSHOTS

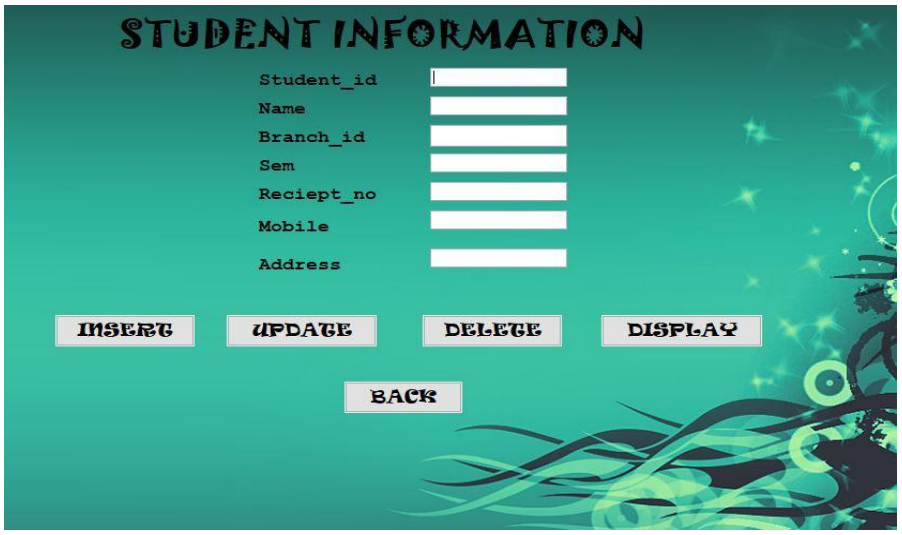
✧ Login Page



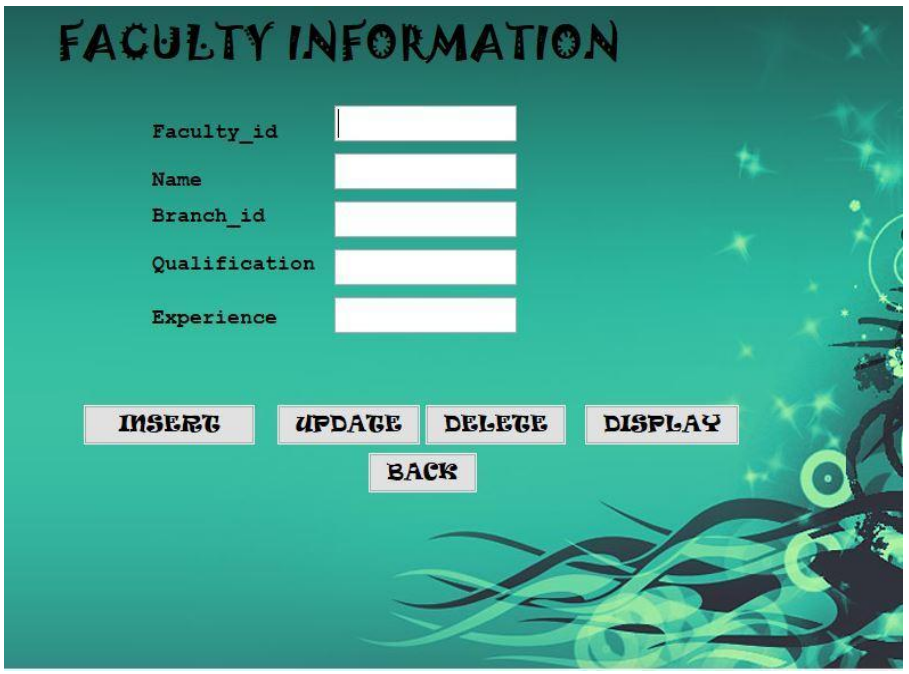
✧ Admin Page



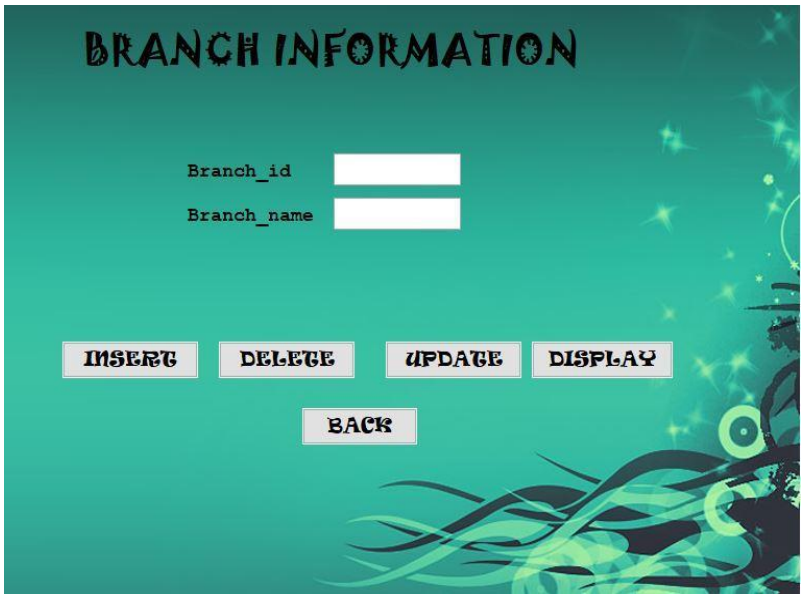
✧ Student Page



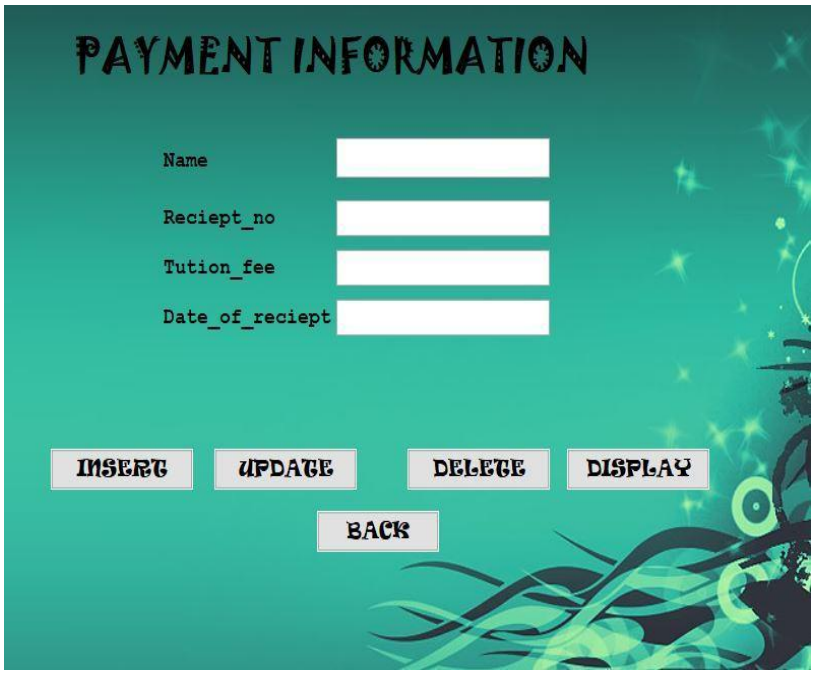
✧ Faculty Page



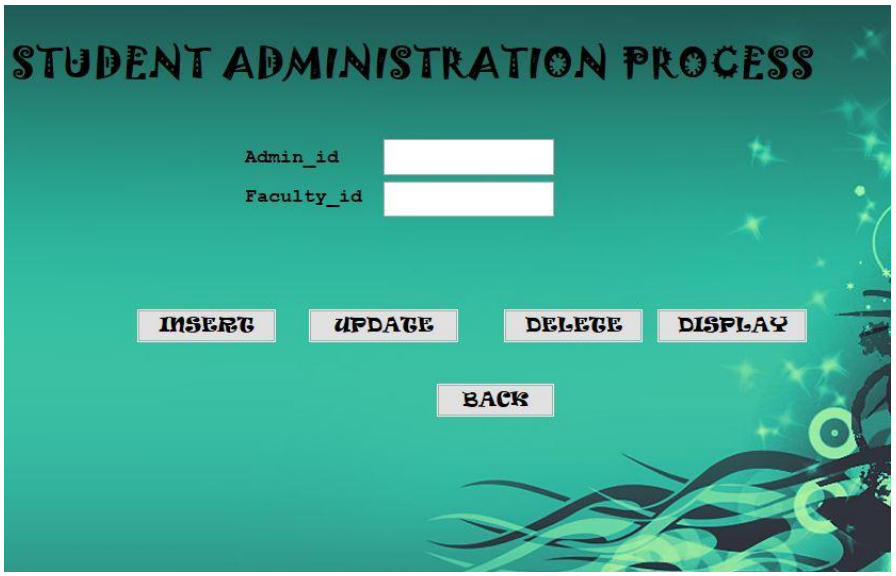
✧ Branch Page



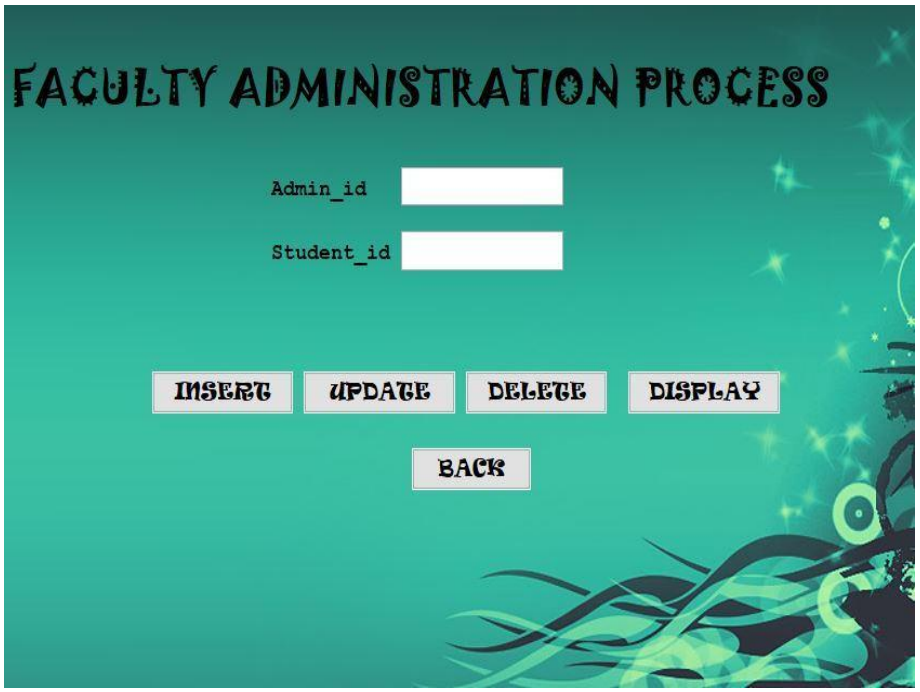
✧ Payment Page



✧ 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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BOOKS

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WEBSITES

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