



Project Report on

**ONLINE STUDENT ADMISSION
MANAGEMENT SYSTEM**

For the subject: Database Management System

Subject professor: Dr. R J Pratibha

Submitted by:

Aditya Adiga (01JST19CB001)

Anirudh(01JST19CB003)

Chandra Darshan J(01JST19CB008)

Hardik(01JST19CB015)

ACKNOWLEDGEMENT

We extend our sincere and heartfelt thanks to our esteemed professor, Dr. R J Pratibha and our college, for providing us with the right guidance and advice at the crucial junctures and for showing us the right way.

CONTENTS

1. Introduction.....	4
2. System design.....	5
a. Table design.....	5
b. Er-diagram.....	7
3. System Implementation.....	11
4. a)MinimumHardware requirements.....	12
b)Software requirements.....	12
5. Accessing the project	12
6. Conclusion and future scope.....	13

INTRODUCTION

Storing data, as we know, is imperative for the core functioning of any academic institution. More importantly, is having the provision to store it securely and retrieving it seamlessly.

Keeping this in mind, we have developed an Online Student Admission Database Management System, which aims to ease the process of maintaining the record of students in a University. The administrator, at the click of a button, will be able to add, delete, update and search for student's information. We have developed this project keeping in mind that manually maintaining the student database would be a tedious task, and good software can go a long way in making this an easy process. We have developed keeping in mind that the end-user can

SYSTEM DESIGN

2a. TABLES:

➤ Admin Data Table

ADMIN_DATA		
PK	USER_MAIL_ID	varchar
	USER_NAME	varchar
	USER_PASSWORD	varchar
	CONTACT_NUMBER	varchar

➤ Student Info Table

STUDENT-INFO		
PK	SR_NO	int
	SUDENT_NAME	char
	DOB	varchar
	Gender	char
	BLOOD_GROUP	varchar
	CONTACT_NO	varchar
	EMAIL_ID	varchar

➤ Academic Info Table

ACADEMIC_INFO		
FK	SR_NO	int
	MODE_OF_ADMISSION	varchar
	STUDENT_RANK	varchar
	SEMESTER	int
	BRANCH	char

➤ **Branch Details Table**

BRANCH_DETAILS		
FK	BRANCH	char
	HOD_NAME	varchar
	CONTACT_NUMBER	varchar
	EMAIL_ID	varchar
	DEPARTMENT	char

➤ **Address Info Table**

ADDRESS-INFO		
PK	SR_NO	int
	DOOR_NO	int
	STREET	varchar
	CITY	varchar
	STATE	varchar
	PIN_CODE	int

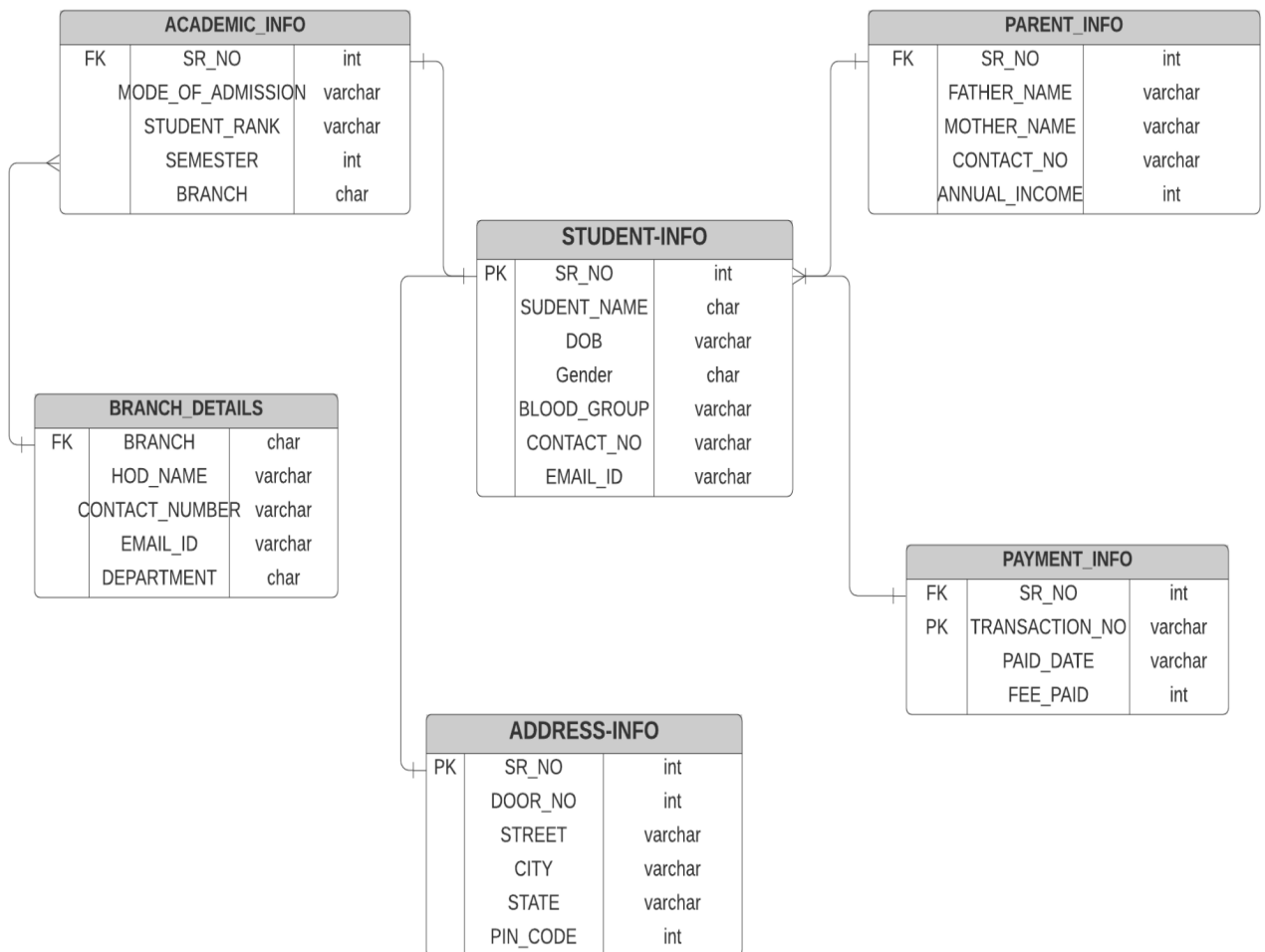
➤ **Parent Info Table**

PARENT_INFO		
FK	SR_NO	int
	FATHER_NAME	varchar
	MOTHER_NAME	varchar
	CONTACT_NO	varchar
	ANNUAL_INCOME	int

➤ Payment Info Table

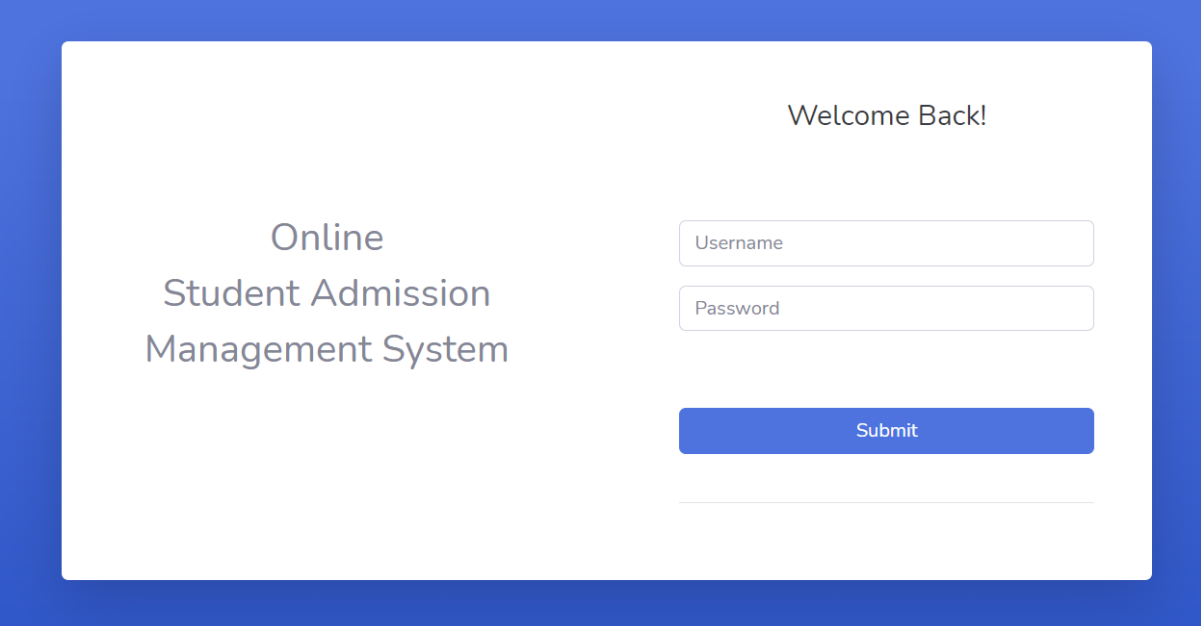
PAYMENT_INFO		
FK	SR_NO	int
PK	TRANSACTION_NO	varchar
	PAID_DATE	varchar
	FEE_PAID	int

2b. ER DIAGRAM



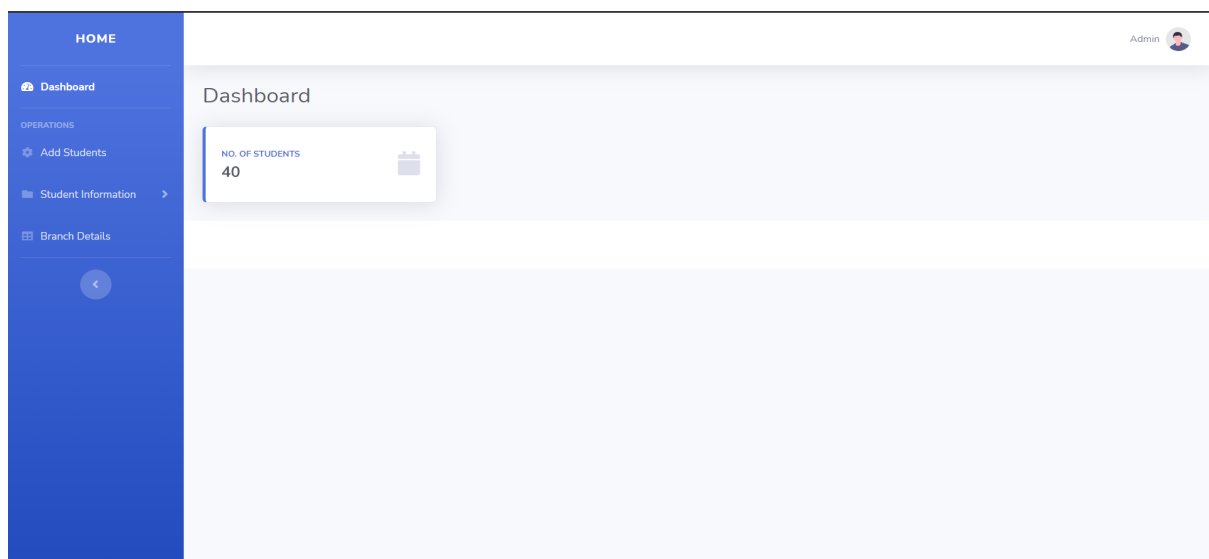
3. SYSTEM IMPLEMENTATION

➤ Screenshot of the credentials page.



The screenshot shows a login interface with a blue border. On the left, the text "Online Student Admission Management System" is displayed. On the right, there is a "Welcome Back!" message, followed by input fields for "Username" and "Password", and a blue "Submit" button.

➤ Screenshot of home page.



➤ Screenshot of Student details page.

STUDENT DETAILS

Student Table

Show 10 entries Search:

Sr No	Student Name	Date of Birth	Gender	Contact Number	Category	Blood Group	Email ID	Edit	Delete
192001	Gowtam Kashyap	10-01-2001	M	8463257901	GM	A+	gowtam10@gmail.com		
192002	Hitesh	22-10-2001	M	9423314785	OBC-1G	A+	hiteshit22@gmail.com		
192003	Aadhya	01-04-2001	F	7563014897	GM	A+	aadhya.2001@gmail.com		
192004	Nakul M	15-07-2001	M	7758463308	OBC-3AG	B+	nakul123@gmail.com		
192005	Advika	20-12-2001	F	6364587901	OBC-2AG	A-	advika2012@gmail.com		
192006	Rohit	30-08-	M	9940357165	GM	A+	rohitk08@gmail.com		

➤ Screenshot of branch detail page.

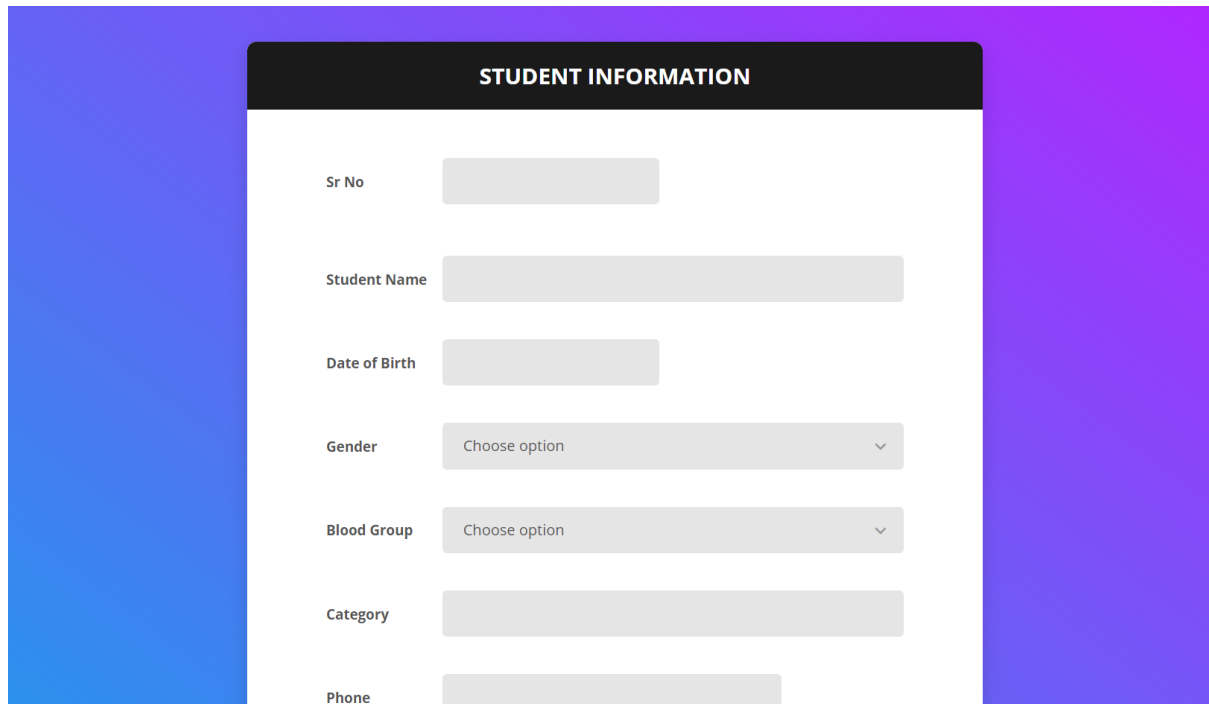
BRANCH DETAILS

Branch Table

Show 10 entries Search:

Branch	Head of the Department	Contact Number	Email ID	Department
BT	Dr. M.N. Nagendra Prasad	080-25021	biotechnology@sjce.ac.in	BIOTECHNOLOGY
CSBS	Dr. B S Mahanand	080-25027	csbs@sjce.ac.in	INFORMATION SCIENCE AND ENGINEERING
CSE	Dr.Pushpalatha M P	080-25022	computerscience@sjce.ac.in	COMPUTER SCIENCE AND ENGINEERING
CTM	Dr. G. N. Chandradhara	080-5577434	ctm@sjce.ac.in	CONSTRUCTION TECHNOLOGY AND MANAGEMENT
CV	Dr. K. Prakash	080-25023	civilengineering@sjce.ac.in	CIVIL ENGINEERING
ECE	Dr. N Shankaraiah	080-25024	electronicsandcommunication@sjce.ac.in	ELECTRONICS AND COMMUNICATION ENGINEERING
EEE	Dr. M S. Shashikala	080-25025	eletricalandelectronics@sjce.ac.in	ELECTRICAL AND ELECTRONICS ENGINEERING
IP	Dr. T.R.Srinivas	080-25029	industrialandproduction@sjce.ac.in	INDUSTRIAL AND PRODUCTION ENGINEERING

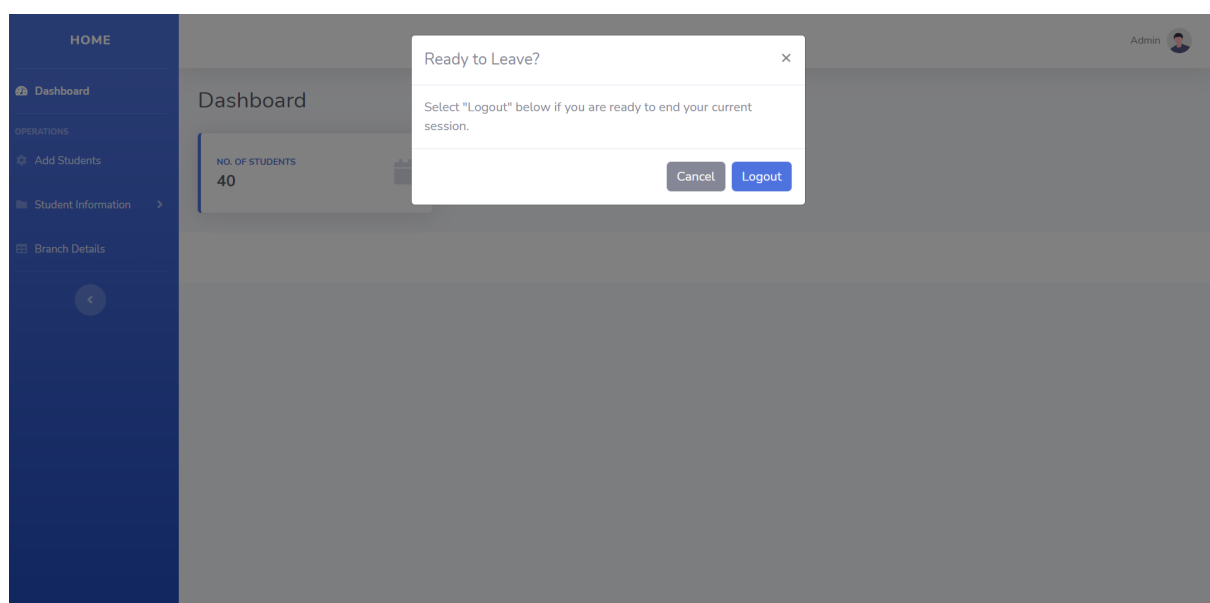
➤ Screenshot of add student info page.



The screenshot shows a form titled "STUDENT INFORMATION" with a black header. The form is set against a blue and purple gradient background. It contains the following fields:

- Sr No: A text input field.
- Student Name: A text input field.
- Date of Birth: A date picker field.
- Gender: A dropdown menu with "Choose option" and a downward arrow.
- Blood Group: A dropdown menu with "Choose option" and a downward arrow.
- Category: A text input field.
- Phone: A text input field.

➤ Screenshot of logout page.



4.

a) Minimum hardware requirements:

- Intel Celeron/Pentium Core processor.
- 2GB Ram.
- 40MB Space on Hard Disk.

b) Software requirements

- Xampp(To run the interface locally using phpmyadmin).
- Up to date browser(To access the interface).

Accessing the project:

1. Run the XAMPP software first. Once XAMPP loads, start the 'APACHE' and the 'MySQL' server.
2. Goto 'localhost/phpmyadmin' and import the sql files that are provide along with the code as it contains the database related to the project.
3. Then open your preferred browser, and enter the 'localhost/location of the login page'. This will open up the login page of our website.
Here, enter the credentials:
ID: admin@gmail.com
Password: admin1234
4. After this, you should be forwarded to the home page. Here you can see the various functionalities that we offer. They are extremely intuitive and user-friendly.
5. Here, if you click on add student, it will load a form wherein you will first have to enter the personal details. Subsequently, you also have to enter parent details, financial details, academic details, etc. Once you fill in all the necessary forms, you have to click submit. This will successfully add the student to the database. To verify this, you can check the database that you had imported earlier.

6. We have the pages which are used to display the data which are stored in the database in different pages like student info, academic info, etc. If we want to find any particular record we can easily navigate to the type of detail we want to access and then we can just search for the student using the sr no of the student to receive accurate result for the search done, we can also use other attributes to search for the record but sr no provides most accurate results.
7. If you click on the edit icon, it will load a form where you can change any specific detail that you want to change.
8. If you click on the delete icon, it will delete the student entry completely from the database.
9. You can verify all the operations by cross checking the database which is created in phpMyAdmin.

CONCLUSION

This was a good learning opportunity for us, as this endowed us to apply our theoretical learning in class in a practical sense. We are sure that this project has great potential, and with more feature updates, this can act as mainstream software for our college. Also, this opportunity helped us venture into the domain of frontend, as we learned HTML, CSS, and JS.

On a final note, we would again like to thank our professor, Dr. R J Pratibha for this opportunity.