

UNIVERSITY INSTITUTE OF TECHNOLOGY

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BHOPAL,MP



MINOR PROJECT
ON

“UNIVERSITY MANAGEMENT SYSTEM”

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ENROLLMENT NO : 0101CA191002

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ABOUT THE PROJECT :-

- This project is basically aimed to manage a whole institutes and university based on students academics and examination criteria.
- The system is an application that can be accessed throughout the institute with a proper login provided.
- This system can be used as an application to manage the student information with their marks scored in the examination.
- Students can check their results by entering their enrollment no and semester.
- Students can also check and feed their attendance and also pay their admission fees through fee portal.
- This system is totally based on java and sql.
- ❖ There are two main portal i.e. Admin portal and Student portal.
 1. In admin portal, only faculty will access and record all the student information, marks details, attendance.
 2. In student portal, Student check their results by entering their enroll no and semester . They also check their attendance and pay fees also.

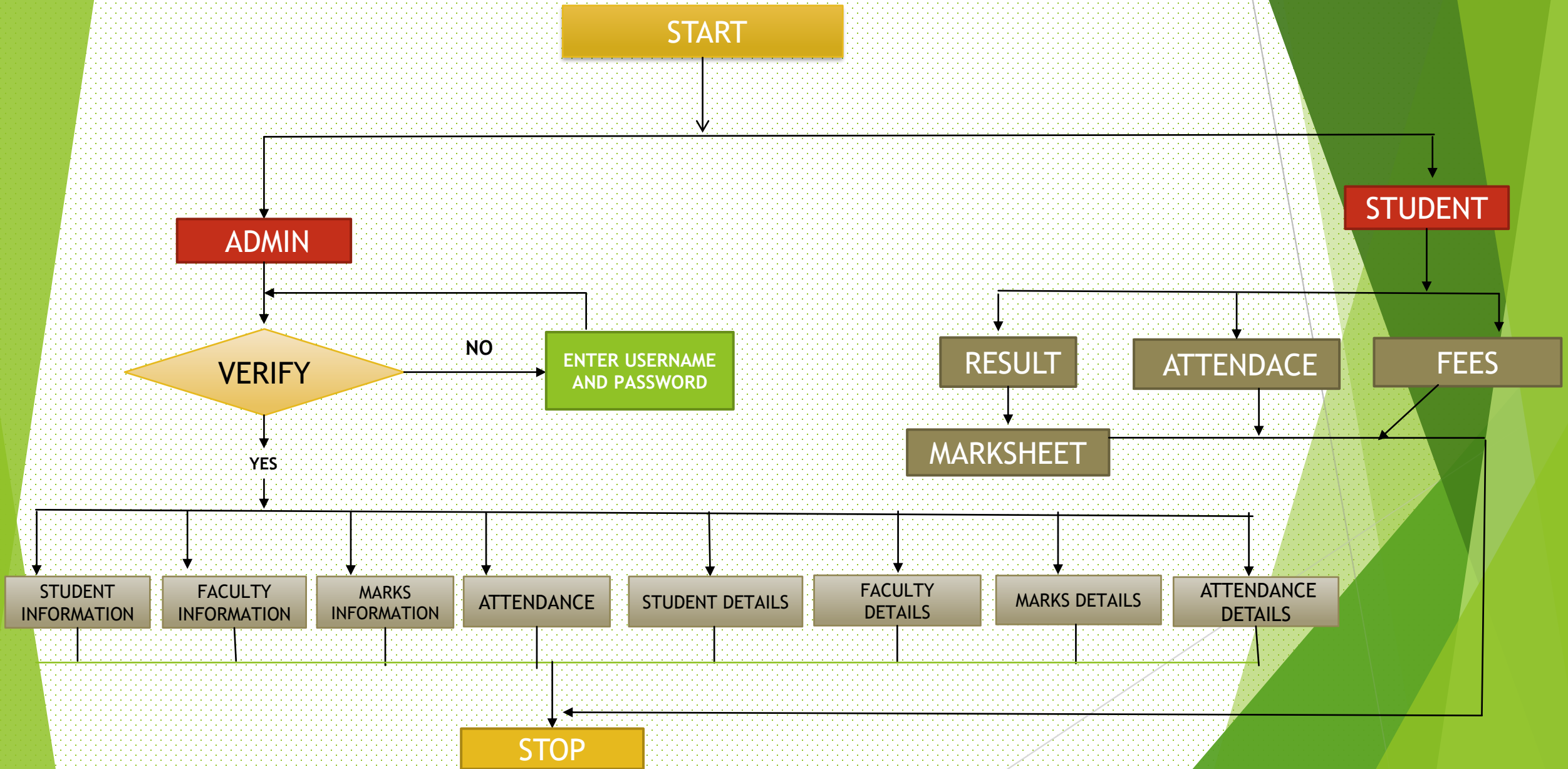
OBJECTIVE :-

- The primary objective of this project is to manage the University System based on Students academic and examination criteria .
- This Project provides the facility to maintain the details of the Students and faculty. Students can check their attendance, fees, result and access their marksheet and many more.
- The scope of this project is to create a college app for managing the whole system.

TECHNOLOGY USED :-

- ❖ This project is totally a Java based project. Java is used as a front-end tool and MySQL as a back-end tool.
- ❖ Database-> MYSQL
- ❖ Software-> NETBEANS IDE 8.2.
- ❖ Coding-> JAVA

WORK FLOW :-



TABLES :-

```
mysql> show tables;
```

Tables_in_anujkaushal
faculty_info
login
marks_details
student_info

LOGIN :-

```
mysql> desc login;
```

Field	Type	Null	Key	Default	Extra
username	varchar(20)	YES		NULL	
password	varchar(20)	YES		NULL	

STUDENT INFO :-

```
mysql> desc student_info;
```

Field	Type	Null	Key	Default	Extra
enroll_no	varchar(20)	NO	PRI	NULL	
firstname	varchar(20)	YES		NULL	
lastname	varchar(20)	YES		NULL	
fathename	varchar(20)	YES		NULL	
mothername	varchar(20)	YES		NULL	
address	varchar(20)	YES		NULL	
city	varchar(20)	YES		NULL	
state	varchar(20)	YES		NULL	
pincode	int(11)	YES		NULL	
mobile	int(11)	YES		NULL	
dob	date	YES		NULL	
doa	date	YES		NULL	
gender	varchar(20)	YES		NULL	
religon	varchar(20)	YES		NULL	
caste	varchar(20)	YES		NULL	
nationality	varchar(20)	YES		NULL	
dept	varchar(20)	YES		NULL	

FACULTY INFO :-

```
mysql> desc faculty_info;
```

Field	Type	Null	Key	Default	Extra
id	varchar(20)	NO	PRI	NULL	
name	varchar(20)	YES		NULL	
dept	varchar(20)	YES		NULL	
subject_code	varchar(20)	YES		NULL	
mobile	int(10)	YES		NULL	
email	varchar(20)	YES		NULL	
designation	varchar(20)	YES		NULL	

MARKS DETAILS :-

```
mysql> desc marks_details;
```

Field	Type	Null	Key	Default	Extra
enroll_no	varchar(20)	YES	MUL	NULL	
semester	int(11)	YES		NULL	
sub101	int(11)	YES		NULL	
sub102	int(11)	YES		NULL	
sub103	int(11)	YES		NULL	
sub104	int(11)	YES		NULL	
sub105	int(11)	YES		NULL	
sub106	int(11)	YES		NULL	
sub107	int(11)	YES		NULL	
midsem	int(11)	YES		NULL	
total	int(11)	YES		NULL	

Attendance:-

```
mysql> desc attendance;
```

Field	Type	Null	Key	Default	Extra
enroll	varchar(20)	YES		NULL	
name	varchar(20)	YES		NULL	
subject_code	varchar(20)	YES		NULL	
subject	varchar(20)	YES		NULL	
dateofattendance	date	YES		NULL	
attendance	varchar(20)	YES		NULL	

```
6 rows in set (0.20 sec)
```

```
mysql>
```

FRONT-END :-

❖ INDEXPAGE

WELCOME

ANUJ KAUSHAL INSTITUTE OF SCIENCE AND TECHNOLOGY




ADMIN

STUDENT

❖ ADMIN PAGE :-

STUDENT MANAGEMENT AND RESULT PROCESSING SYSTEM



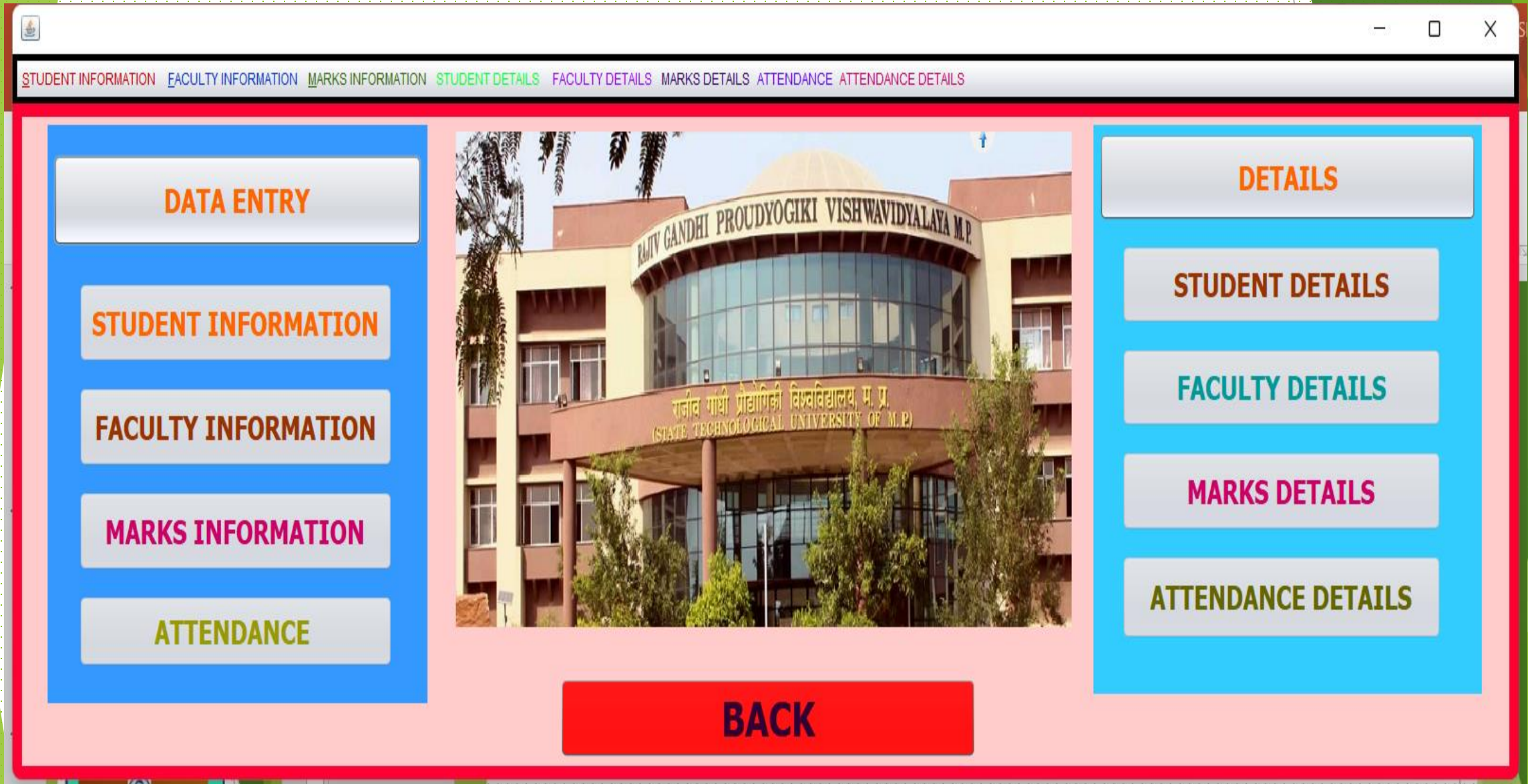
LOGIN ID

PASSWORD

LOGIN **RESET**

BACK

❖ FRONTPAGE :-



❖ STUDENT INFORMATION :-

STUDENT DATA INFORMATION

ENROLLMENT NO	<input type="text"/>
FIRSTNAME	<input type="text"/>
LASTNAME	<input type="text"/>
FATHER'S NAME	<input type="text"/>
MOTHER'S NAME	<input type="text"/>
ADDRESS	<input type="text"/>
CITY	<input type="text"/>
STATE	<input type="text"/>
PINCODE	<input type="text"/>
MOBILE NO	<input type="text"/>
DATE OF BIRTH	<input type="text"/>
DATE OF ADMISSION	<input type="text"/>

NATIONALITY	DEPARTMENT	
GENDER	RELIGION	CASTE
<input type="radio"/> MALE		
<input type="radio"/> FEMALE		
<input type="radio"/> OTHER		

SUBMIT

CLEAR

EXIT

❖ FACULTY INFORMATION :-

FACULTY DATA INFORMATION

ID	<input type="text"/>
NAME	<input type="text"/>
DEPARTMENT	<input type="text" value="MCA"/>
SUBJECT CODE	<input type="text"/>
MOBILE NO	<input type="text"/>
EMAIL ID	<input type="text"/>
DESIGNATION	<input type="text"/>

SUBMIT

CLEAR

EXIT

MARKS INFORMATION :-

MARKS DATA INFORMATION

ENROLLMENT NO

SEMESTER

SUBJECT-101

SUBJECT-102

SUBJECT-103

SUBJECT-104

SUBJECT-105

SUBJECT-106

SUBJECT-107

MIDSEM

TOTAL

TOTAL

SUBMIT

CLEAR

EXIT

❖ STUDENT DETAILS :-

STUDENT DETAILS

ENROLLMEN...	FIRST NAME	LAST NAME	FATHER NAME	MOTHER NAME	ADDRESS	CITY	STATE	PINCODE	MOBILE NO	DATE OF BIR...	DATE OF ADM...	GENDER	RELIGION	CASTE	NATIONALITY	DEPARTMENT
1	akhil	singh	dev singh	aruna singh	g 45 ketki n...	bhopal	mp	462031	852741	1989-02-03	2015-07-01	MALE	HINDU	GENERAL	INDIAN	BE CSE
101	anuj	kaushal	devendra ka...	nisha kaushal	sunahri bagh	bhopal	mp	462003	882755866	1999-03-27	2019-07-01	MALE	HINDU	OBC	INDIAN	MCA
102	sakshi	k	dev k	nisha k	jawahar cho...	bhopal	mp	462003	824657	2001-03-29	2019-02-02	FEMALE	HINDU	OBC	INDIAN	BE CSE

GO

CLEAR

EXIT

❖ FACULTY DETAILS :-

FACULTY DETAILS

ID	NAME	DEPARTMENT	SUBJECT CODE	MOBILE	EMAIL	DESIGNATION
1	dheeraj khawade	MCA	s101	4567899	dheeraj@gmail.com	head clerk
2	jay	BE IT	102	546	jay@yahoo.com	assistant professor
25	jay narayan	BE ME	101	78945	jay@gmail.com	professor

GO

CLEAR

EXIT

❖ MARKS DETAILS :-

MARKS DETAILS

ENROLLMENT...	SEMESTER	SUBJECT-101	SUBJECT-102	SUBJECT-103	SUBJECT-104	SUBJECT-105	SUBJECT-106	SUBJECT-107	MIDSEM	TOTAL
101	1	98	78	96	86	96	196	199	98	947
102	1	98	78	69	48	87	178	154	96	808
1	2	85	68	74	87	76	147	102	27	666

GO

CLEAR

EXIT

❖ Attendance :-

ATTENDANCE

ENROLLMENT NO

NAME

SUBJECT CODE

SUBJECT

DATE OF ATTENDANCE

ATTENDANCE

PRESENT

SUBMIT

CLEAR

EXIT

❖ Attendance details:-

ATTENDANCE DETAILS

ENROLL	NAME	SUBJECT CODE	SUBJECT	DATE OF ATTENDANCE	ATTENDANCE
101	anuj kaushal	ca501	data mining	2021-11-23	ABSENT

GO

CLEAR

EXIT

STUDENT PORTAL



SERVICES

RESULT

ATTENDANCE DETAILS

FEES



❖STUDENT PAGE :-

STUDENT RESULT



ENROLLMENT NO


SEMESTER

VIEW RESULT

RESULT PAGE :-

RESULT

ENROLLMENT NO	<input type="text" value="101"/>	SEMESTER	<input type="text" value="1"/>
NAME	<input type="text" value="anuj"/>	DATE OF BIRTH	<input type="text" value="1999-03-27"/>
FATHER NAME	<input type="text" value="devendra kaushal"/>	GENDER	<input type="text" value="MALE"/>
MOTHER NAME	<input type="text" value="nisha kaushal"/>	DEPARTMENT	<input type="text" value="MCA"/>



	TOTAL MARKS	PASSING MARKS	MARKS OBTAINED
SUBJECT-101	100	48	<input type="text" value="98"/>
SUBJECT-102	100	48	<input type="text" value="78"/>
SUBJECT-103	100	48	<input type="text" value="96"/>
SUBJECT-104	100	48	<input type="text" value="86"/>
SUBJECT-105	100	48	<input type="text" value="96"/>
SUBJECT-106	200	96	<input type="text" value="196"/>
SUBJECT-107	200	96	<input type="text" value="199"/>
MIDSEM	100	48	<input type="text" value="98"/>
TOTAL	1000	400	<input type="text" value="947"/>

PERCENTAGE	<input type="text" value="94.0"/>	REMARK	<input type="text" value="PASS"/>
CGPA	<input type="text" value="9.4"/>		



FEES

ENROLLMENT NO

SEMESTER

SEMESTER 1

NAME

DATE OF BIRTH

FATHER NAME

GENDER

MOTHER NAME

DEPARTMENT



GO FOR FEE PAYMENT

DEPARTMENT

☐ MCA ☐ BE CSE ☐ BE IT ☐ BE EC ☐ BE ME ☐ OTHER



ADMISSION FEE

PAY FEES



PAYMENT

Payment Details



Fields with an * are required.

Card Type*

--- Select Card Type ---

Card Number*

Expiry Date*

--- Month ---

--- Year ---

Card Holder*

E-mail*

Amount to be charged to
card :

€

0.22

I have read and agree to the terms and
conditions.

☐

Continue

Clear

Cancel



CONCLUSION:-

- The project titled 'UNIVERSITY MANAGEMENT SYSTEM' was developed to manage the whole university system for students.
- All the necessary output was created.
- The system was found to be user-friendly to both students and admins.
- The Architecture of the project provide an easy to use environment for the users.
- The system was implemented successfully.
- The manpower and the working hours needed to operate the system was less and comfortable.
- It was seen to be more secure and effective.

BIBLIOGRAPHY :->

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<https://www.youtube.com>

<https://www.w3schools.com>

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<https://www.google.com>

<https://www.greaksofgreaks.com>



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