

# DBMS LAB PROJECT

## Student Management System

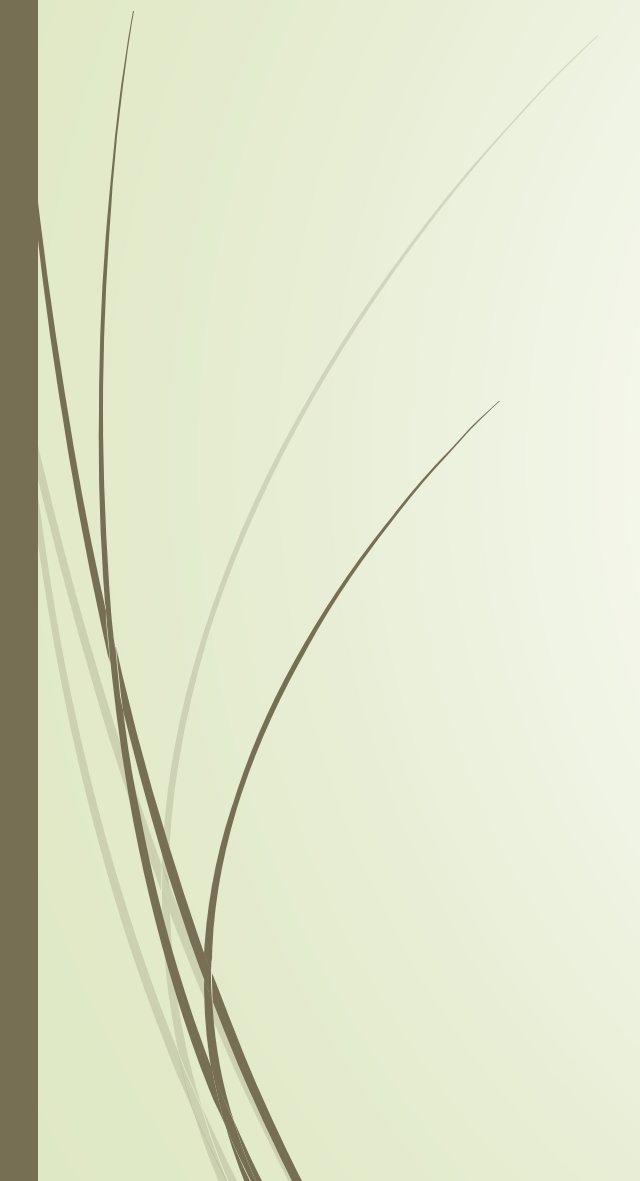
Submitted by

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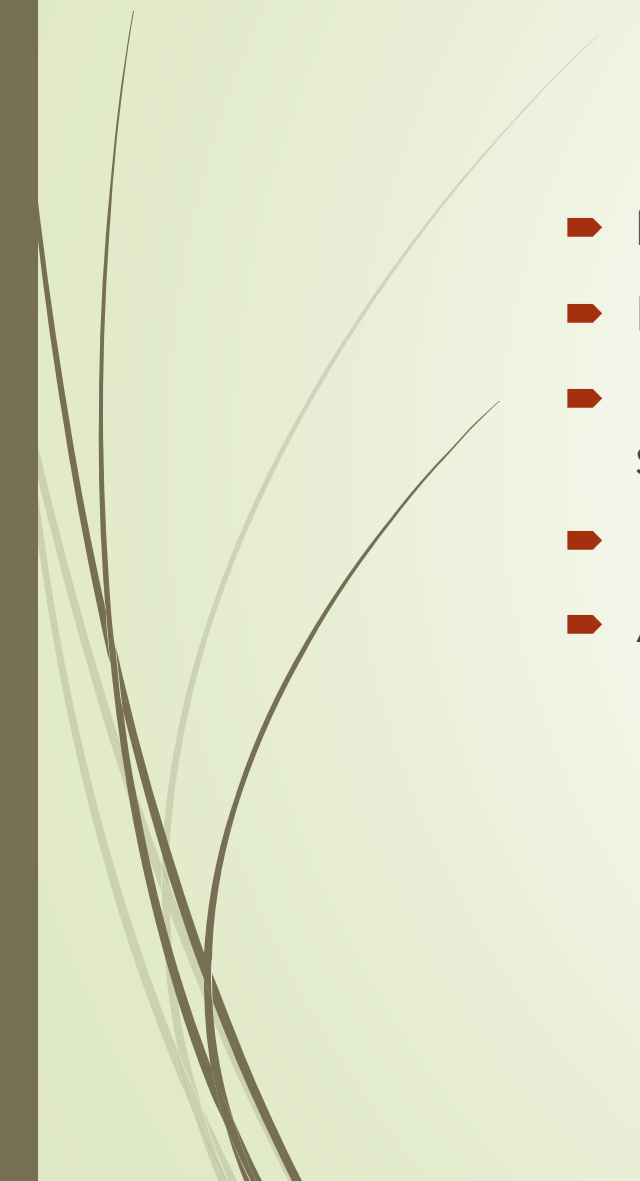


# INTRODUCTION

- Using this application a user can get every information about student's of an institute.
  - It can handle all the details about a student.
  - The details include student personal details, course details.
  - All details will be available on a click for students.
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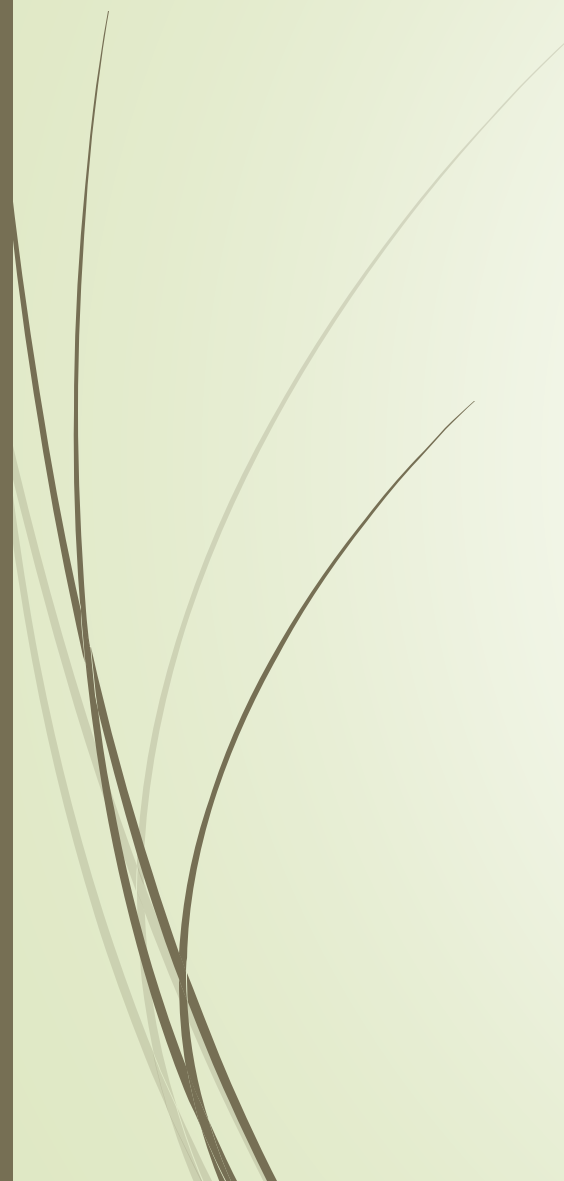


## OBJECTIVE

- It provides better and efficient service.
  - Reduce the workload of an institute.
  - Provide facility for proper monitoring, reduce paper work and provide data security.
  - Faster way to get information about the students.
  - All details will be available on a click for students.
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# DATABASE DESIGN



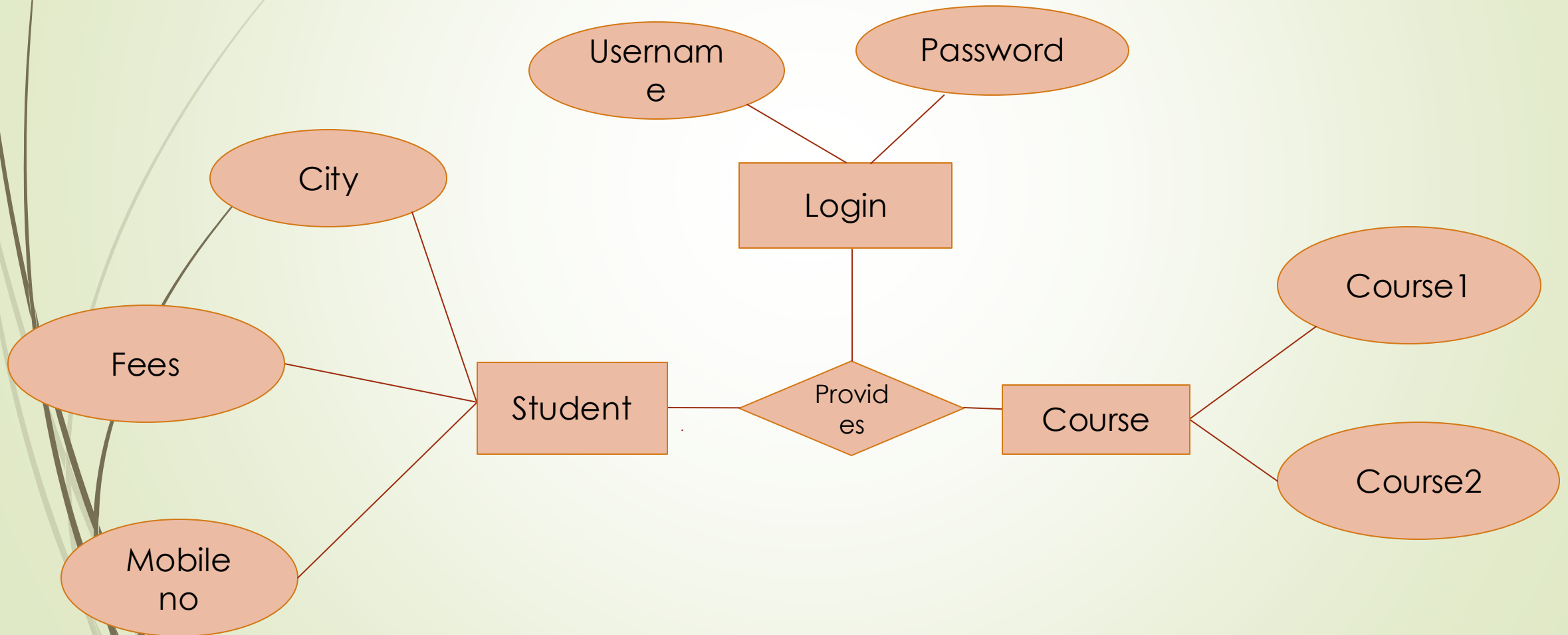
FIELD NAME	DATATYPE
Username	Varchar
Password	Varchar
City	Varchar
Mobile no	int
Fees	int
Course 1	Varchar
Course 2	Varchar



# DATABASE DESIGN

City	Mobile	Fees	Course 1	Course 2
Madurai	7397689599	12000	IoT	Robotics
Chennai	8883999213	14000	ML	Robotics

# OVERALL SYSTEM DESIGN





## MODULES DESCRIPTION

### LOGIN MODULE

- This is the login form, from where student can login into the system.
- Every Student can login into the system through username and password given to them.

### STUDENT MODULE

- The main purpose of this module is provide all functionality related to students.
- It tracks all information and details of the student. we have developed create, update, read, delete operations of students.



# MODULES DESCRIPTION

## COURSE MODULE

- In this module student can register their course.
- There are two types of course is available in the system .One is professional elective course and other is open elective.
- Student has to select one course from each category.
- Here student can update the course.

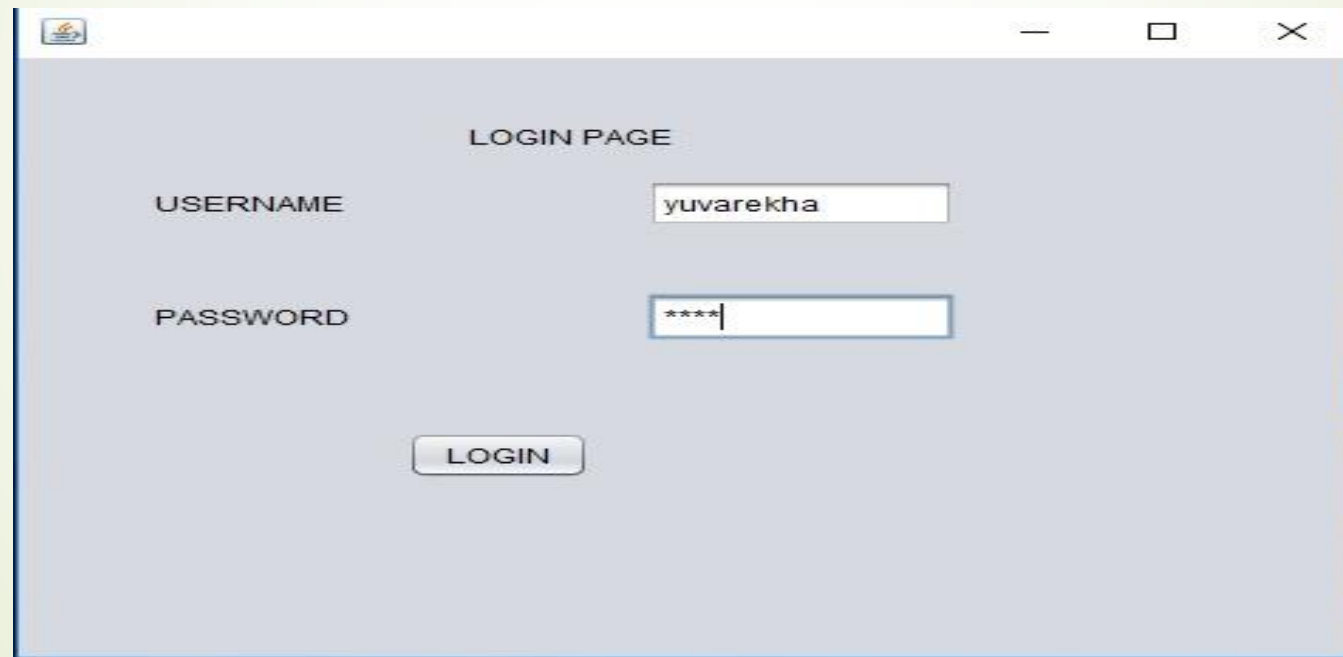
## LOGOUT MODULE

- From this module where student can logout from the system.



# SCREENSHOTS

## LOGIN PAGE



A screenshot of a web application window titled "LOGIN PAGE". The window has a light blue background and a white title bar with standard minimize, maximize, and close buttons. The login form consists of two input fields: "USERNAME" and "PASSWORD". The "USERNAME" field contains the text "yuvarekha". The "PASSWORD" field contains four asterisks "\*\*\*\*". Below the input fields is a "LOGIN" button. The window is set against a light green background with a decorative red arrow and brown lines on the left side.

LOGIN PAGE

USERNAME

PASSWORD

# CREATION

STUDENT AND COURSE DETAILS

CITY

MOBILE

FEES


COURSE1

COURSE2

CREATE UPDATE ENTER DELETE VIEW

CITY	MOBILE	FEES	COURSE1	COURSE2
madurai	7397685999	12000	iot	robotics
chennai	8883999213	14000	ml	robotics

Message

 created successfully

OK

# UPDATION

STUDENT AND COURSE DETAILS

CITY

MOBILE


FEES

COURSE1

COURSE2

CITY	MOBILE	FEES	COURSE1	COURSE2
madurai	7397685999	12000	iot	robotics
chennai	8883999213	15000	ai	robotics

Message

 updated successfully

# DELETION

STUDENT AND COURSE DETAILS

CITY

MOBILE

FEES


COURSE1

COURSE2

CREATE UPDATE ENTER DELETE VIEW

CITY	MOBILE	FEES	COURSE1	COURSE2
chennai	8883999213	15000	ai	robotics

Message

 deleted successfully

OK

# READ

STUDENT AND COURSE DETAILS

CITY

MOBILE

FEES


COURSE1

COURSE2

CREATE UPDATE ENTER DELETE VIEW

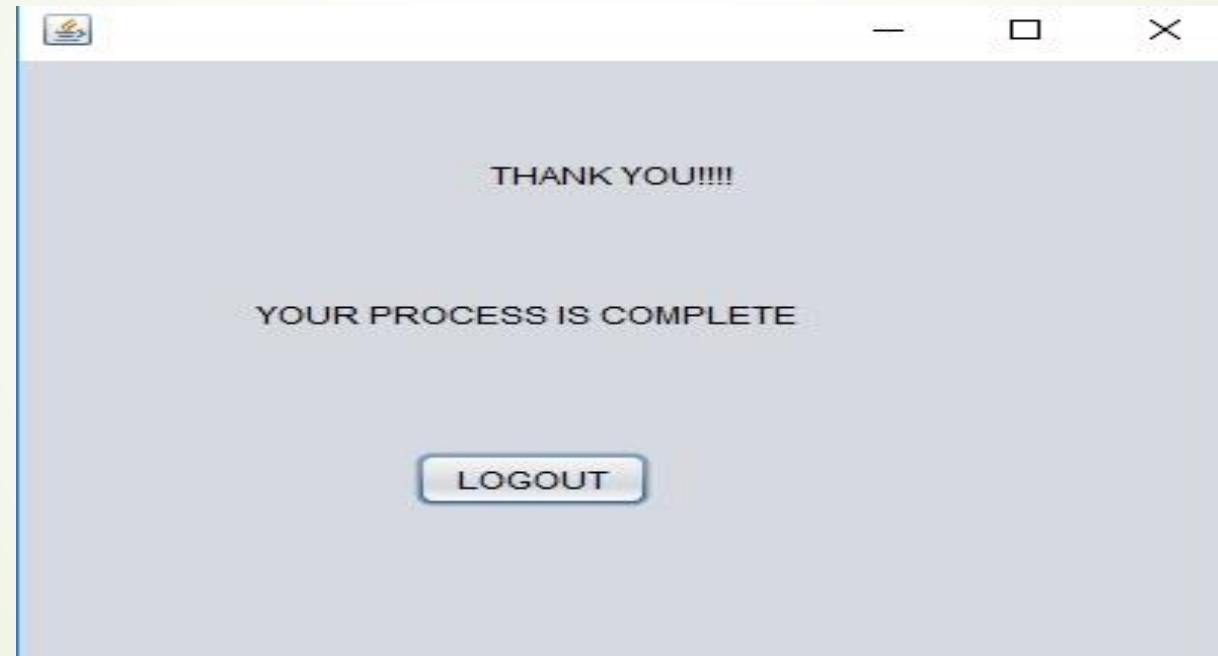
CITY	MOBILE	FEES	COURSE1	COURSE2
madurai	7397685999	12000	iot	robotics

Message

 read successfully

OK

# LOGOUT



# DATABASE CONNECTIVITY

New Connection Wizard

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**Customize Connection**

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Driver Name: Orade Thin (Service ID (SID))

Host: localhost Port: 1521

Service ID (SID): ord

User Name: hr

Password: ●●

☐ Remember password

Connection Properties Test Connection


JDBC URL: jdbc:oracle:thin:@localhost:1521:ord

**i** Connection Succeeded.

< Back Next > Finish Cancel Help



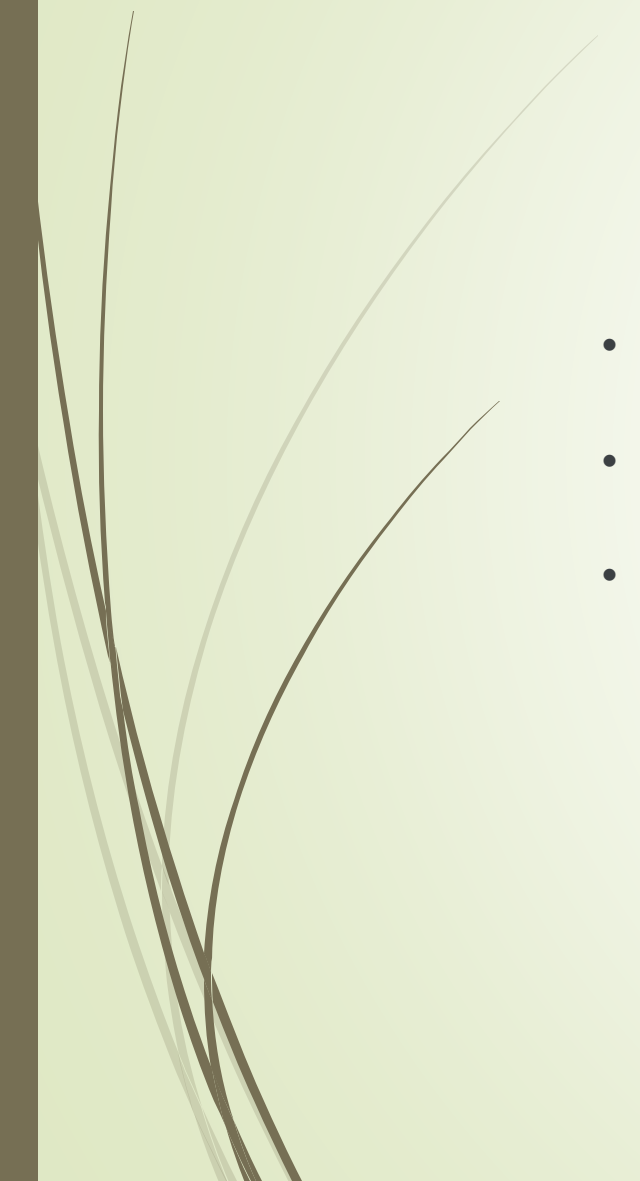
## ADVANTAGES

- Better performance by students.
  - Better communication.
  - Easy access to all.
  - Faster way to get information about the students.
  - It provides better and efficient service.
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## APPLICATION

- Student Management System helps schools to store, manage, and distribute this information.
  - These specialized solutions target specific needs, such as school applications or student behavior tracking.
  - Some systems are designed to serve all of school's data management needs.
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## REFERENCES

- [\\_https://netbeans.org/kb/docs/ide/oracle-db.html-connecting.](https://netbeans.org/kb/docs/ide/oracle-db.html-connecting)
- <https://docs.oracle.com/cd/E19879-01/8193669/bnbsn/index.html-creation>
- [https://youtu.be/Lr6C2pPT3HU.](https://youtu.be/Lr6C2pPT3HU)



# Thank You