



DONE BY  
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# UNIVERSITY MANAGEMENT SYSTEM

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# ABSTRACT

- UNIVERSITY MANAGEMENT SYSTEM deals with the maintenance of university, college, faculty, student within the university and used to store the college, faculty, student, courses & information of a college.

# OUTLOOK

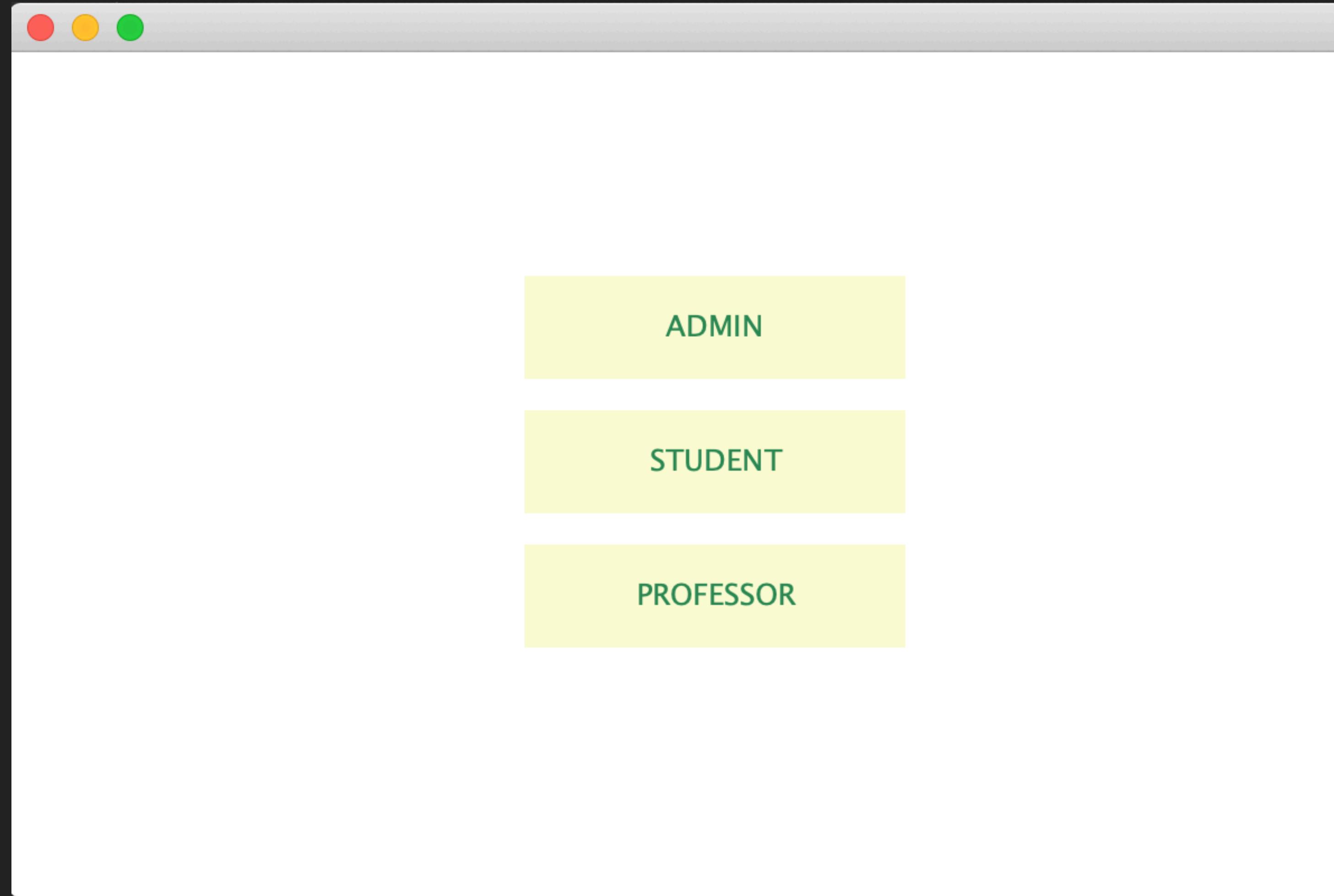
University Management System

# UNIVERSITY MANAGEMENT SYSTEM



CLICK HERE TO CONTINUE

# OUTLOOK



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## FEATURES

- ▶ This application has the following functional divisions.
- ▶ **University Administrator (Admin)** : Has the functionality of registering new colleges and courses. Has the right of creating department, allocating courses to departments, creating faculties, students and allocating subjects to faculties and modifications in the data entered by the user can also be done the college Administrator.
- ▶ **College Administrator (Faculty)** : Faculty has the facility of entering the marks and attendance of students.
- ▶ **Student** : Students can check their marks and attendance but there is no chance of modifications.

# OUTLOOK



## DELHI TECHNOLOGICAL UNIVERSITY

**Username :**

**Password :**

[Login](#) [SignUp](#)

[Trouble in Login?](#) [Forgot Password](#)



# SIGN UP

## APPLICATION FORM NO. 5004

**Username:**

**Are You A?:**  Admin  Professor  Student

**Name:**

**Date of Birth:** Date  Month  Year

**Gender:**  Male  Female

**Email Address:**

**Marital Status:**  Married  Unmarried  Other

**Password:**

**Address:**

**City:**

**State:**

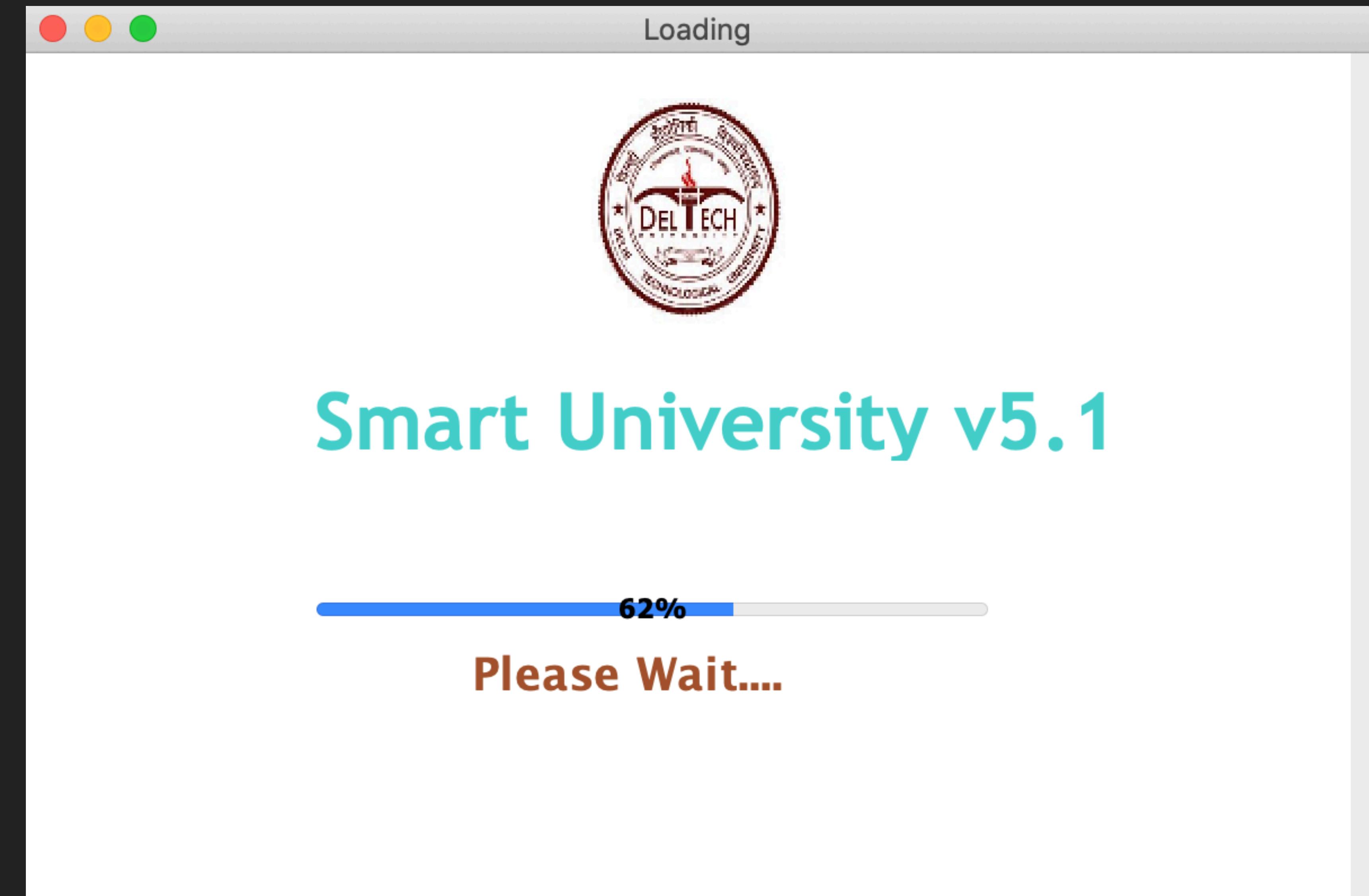
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**Answer :**

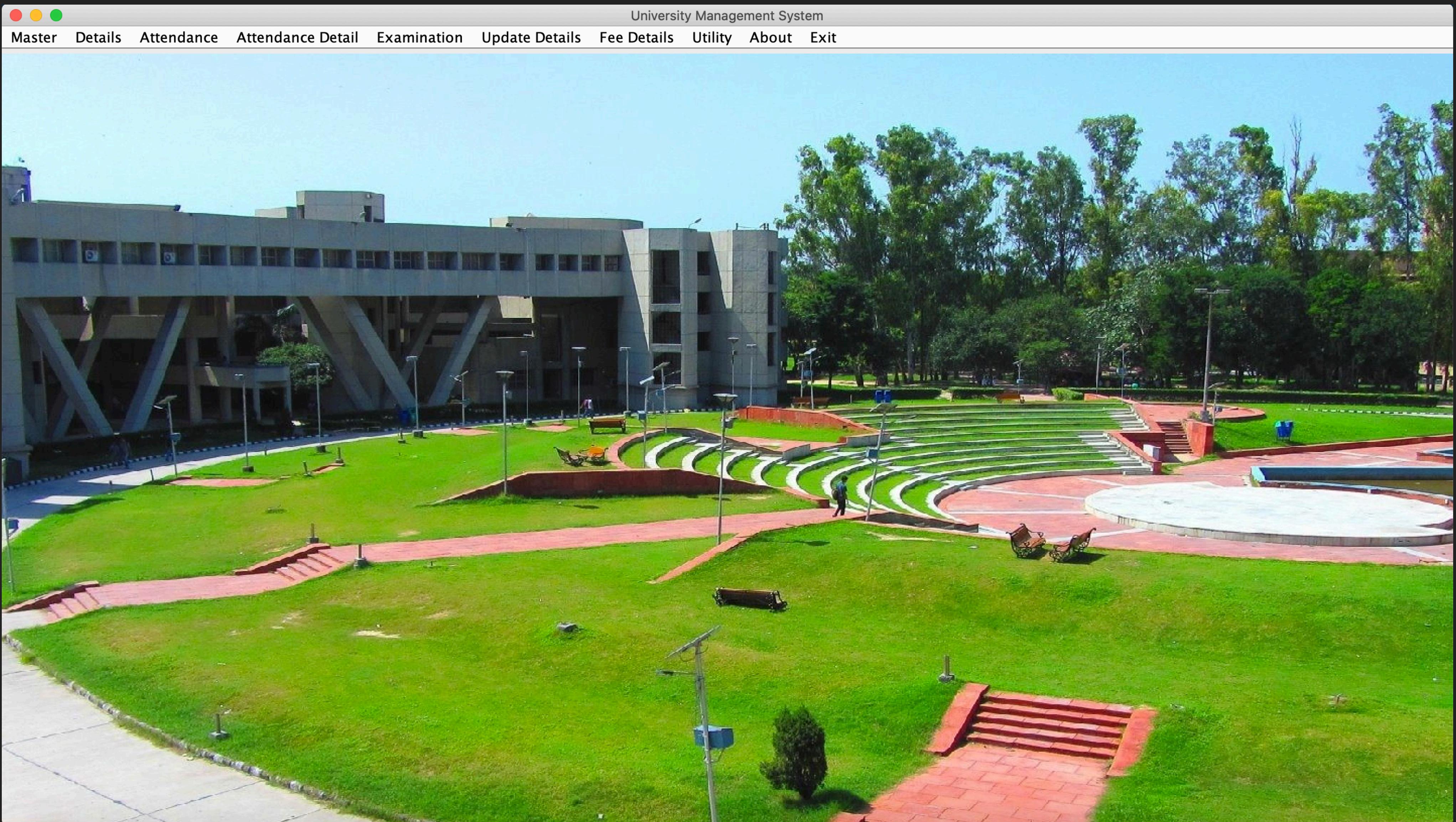
Back

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# OUTLOOK



# OUTLOOK

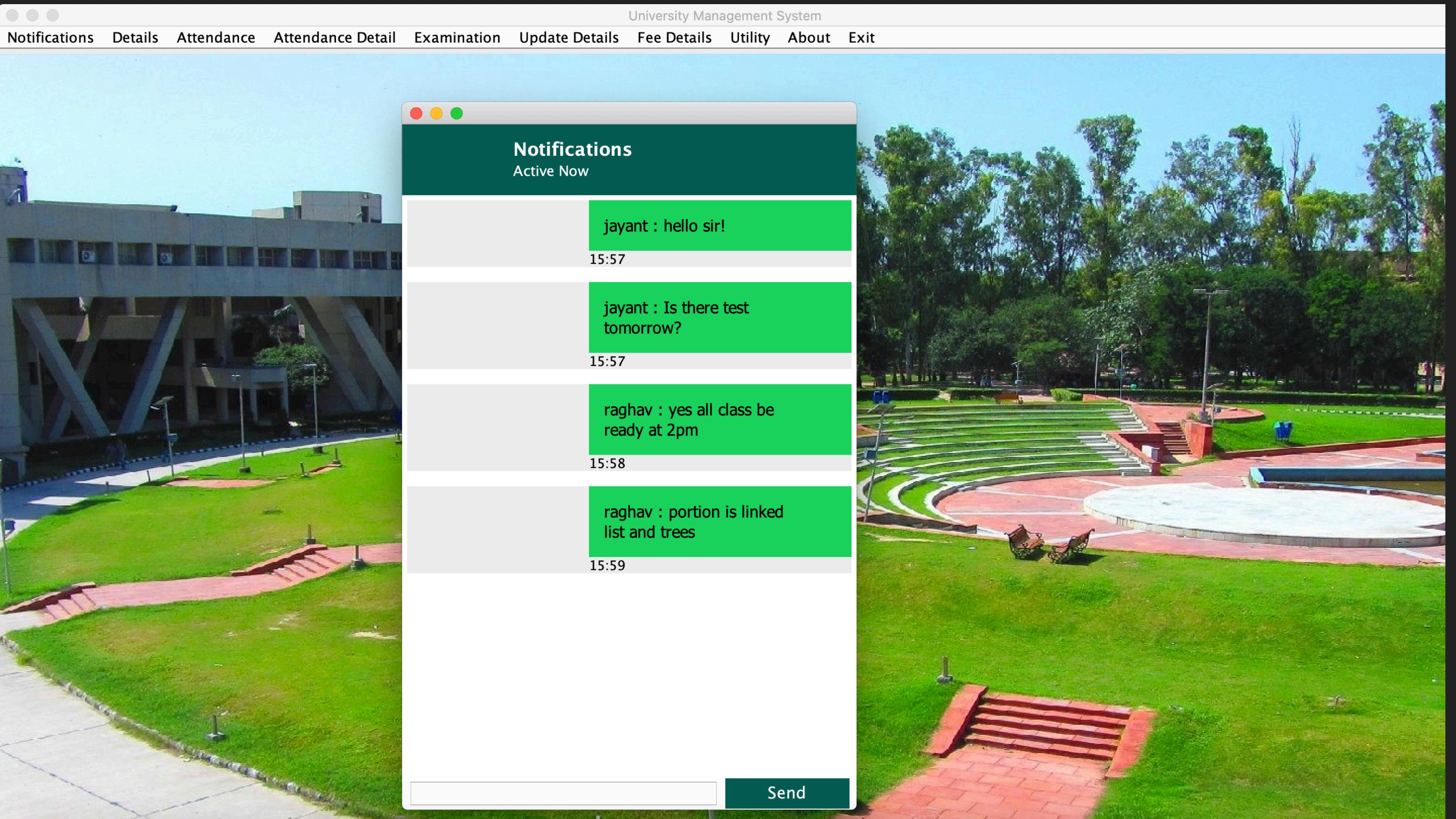


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# FEATURES

- ▶ Starting from registration of a new student in the college, it maintains all the details regarding the attendance and marks of the students.
- ▶ It collects related information from all departments of an organisation and maintain files, which are used to generate reports in various forms to measure individual and overall performance of the students.
- ▶ Information of students & faculties can be easily updated by simply typing in the roll no for students & Employee Id for faculties.
- ▶ UMS makes management to get the most updated information always by avoiding manual accounting process.
- ▶ Reports can be generated for the existing data i.e. for attendance and marks of the students, which are used to access the performance of the students. These reports can be viewed by the in charge and user.

# CHAT BOX



## SECURITY

- ▶ **Authentication :** SQL database contains all the information about the authenticated user. User without his username and password can not enter into the login, only if he is an authenticated user then he can enter his login.
- ▶ Password of the user can be retrieved if forgotten by the user by answering a security question.
- ▶ Usernames are unique for every user.
- ▶ Hashing is used while storing password to SQL Database so even if someone who has access to the database can not figure out any user's password.
- ▶ During Signup, user has to create a strong password to complete Signup thus making the user's account more secure.

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## TOOLS USED

- ▶ **IDE : IntelliJ IDEA**
- ▶ **LANGUAGE : JAVA CORE**
- ▶ **DATABASE SERVER : MySQL**
- ▶ **CONCEPT USED : SWING**

## CONCLUSION

- ▶ It has been a great pleasure for us to work on this exciting and challenging project. This project proved good for us as it provided practical knowledge of not only programming in Java, Desktop Based GUI Application and SQL server, but also about all handling procedure related with University Management System. This will provide better opportunities and guidance in future in developing projects independently.

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## BIBLIOGRAPHY

- ▶ <https://stackoverflow.com/>
- ▶ <https://www.javatpoint.com>
- ▶ <https://www.youtube.com/>

**THE END**