

WELCOME TO THE PRESENTATION

ON

**STUDENT
INFORMATION
SYSTEM**

PRESENTED BY :

- *Pratyusha Chatterjee (22022002016013)*
- *Debajyoti Mitra(22022002016015)*
- *Twisha Talukder(22022002016003)*

SUPERVISED BY :

Mr. Subhajit Adhikari

Mr. Subhadeep Chandra

Computer Science & Engineering[AI & ML]

Institute Of Engineering & Management

WHAT'S INSIDE

- ❖ OBJECTIVE
- ❖ INTRODUCTION
- ❖ BACKGROUND STUDY
- ❖ USER OF SYSTEM
- ❖ SOFTWARE AND HARDWARE REQUIREMENTS
- ❖ DATA FLOW DIAGRAM
- ❖ USE CASE DIAGRAM
- ❖ SYSTEM IMPLEMENTATION
- ❖ CONCLUSION

OBJECTIVE

- ***Efficient Student Data Management :***
Simplify the process of managing student information seamlessly.
- ***Enhance Academic Monitoring :***
Enable real-time tracking of student attendance and academic performance.
- ***Insights through Analytics :***
Provide valuable insights into student performance and trends through analytics.
- ***Customization for Diverse Needs :***
Support customization to cater to unique academic and administrative requirements.
- ***Scalability for Varied Institutions :***
Ensure scalability to accommodate different sizes and complexities of educational institutions.

INTRODUCTION

Welcome to our Student Information System project—a comprehensive solution designed to streamline student data management. From efficient record-keeping to enhancing communication, our system aims to simplify administrative processes and provide valuable insights for informed decision-making. Join us in revolutionizing the educational experience for students and administrators alike.

BACKGROUND STUDY

- Java Swing
- NetBeans(IDE)
- MySQLite
- Java

USER OF SYSTEM

1. Administrators
2. Faculty and Instructors
3. Students
4. Parents and Guardians
5. Admissions Staff
6. Registrar's Office
7. Financial Aid Officers
8. System Administrators

SOFTWARE AND HARDWARE REQUIREMENTS

- Hardware(Recommended): -

- ☐ i3 Core or above.
- ☐ Minimum 4 GB RAM or above.
- ☐ Minimum hard disk 40 GB or above.

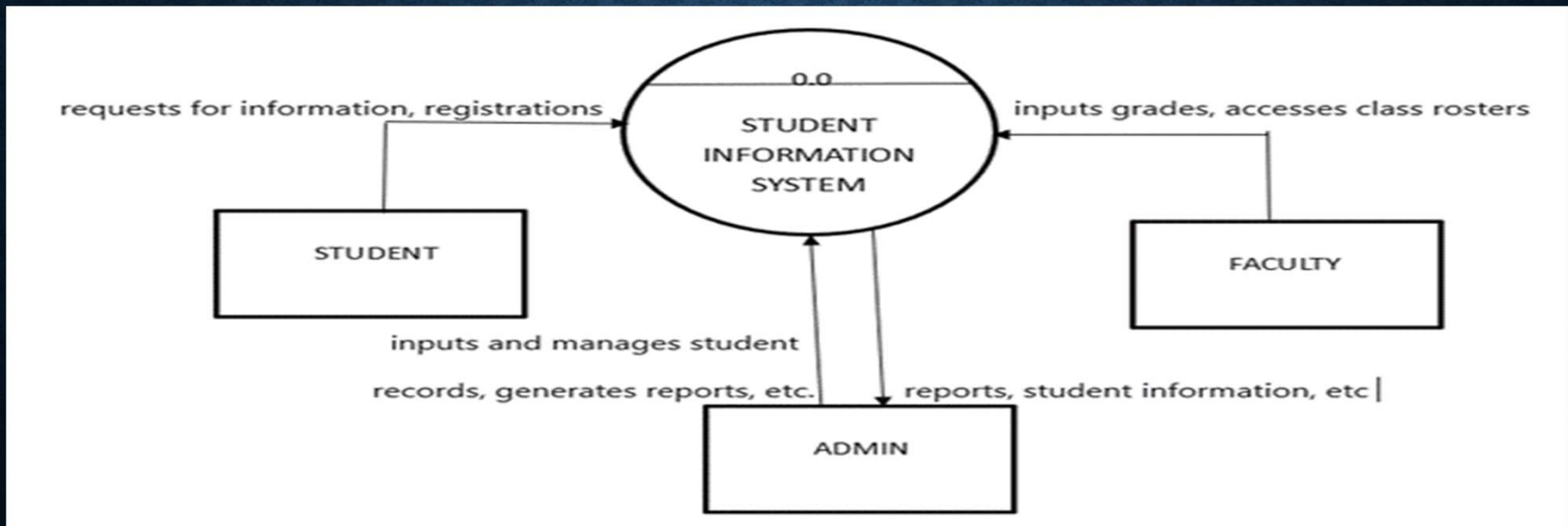
- Software(Recommended): -

- ☐ Windows operating system
- ☐ Java Swing
- ☐ MySQLite
- ☐ Java

DATA FLOW DIAGRAM (DFD)

A Data Flow Diagram is a method of speaking to a progression of information through a cycle or a system. The DFD also provides information about the outputs and inputs of each entity and the process itself.

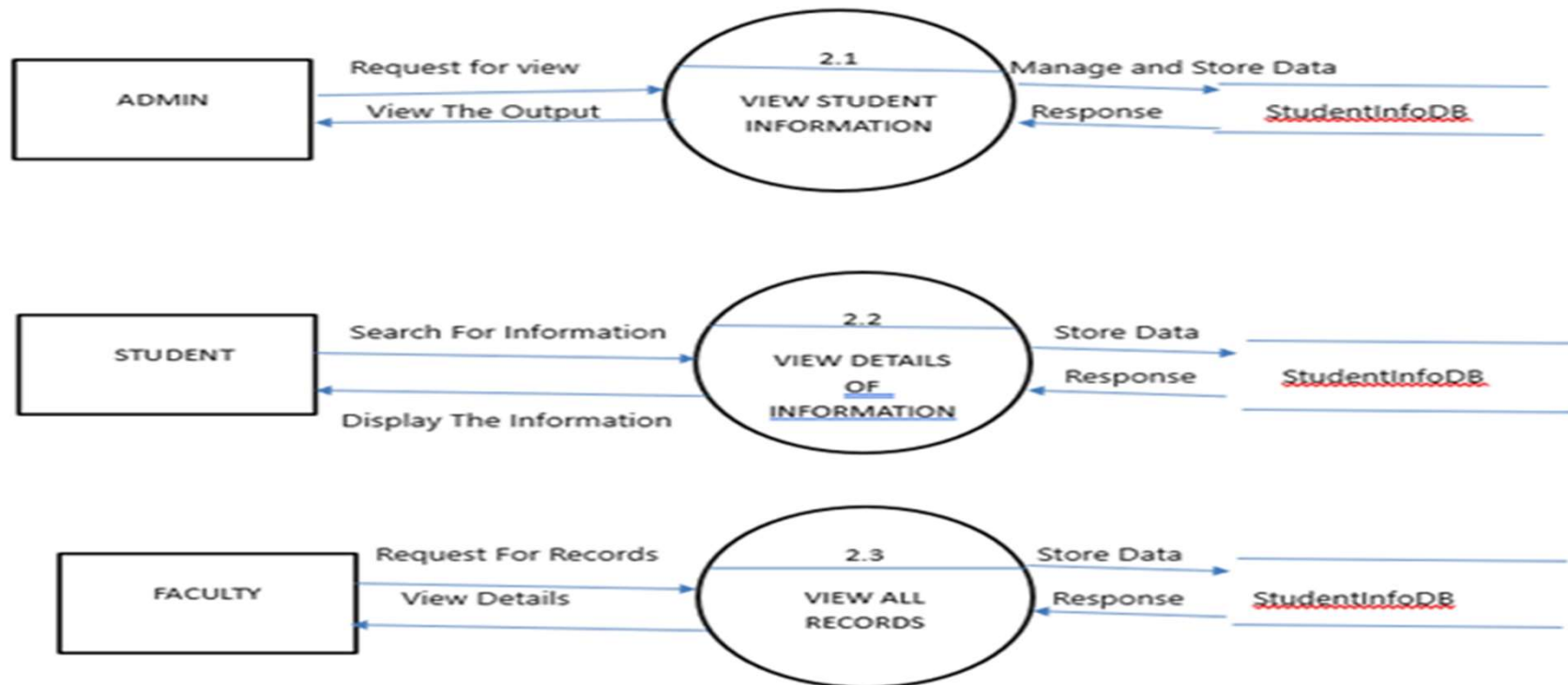
CONTEXT OR ZERO LEVEL DFD -



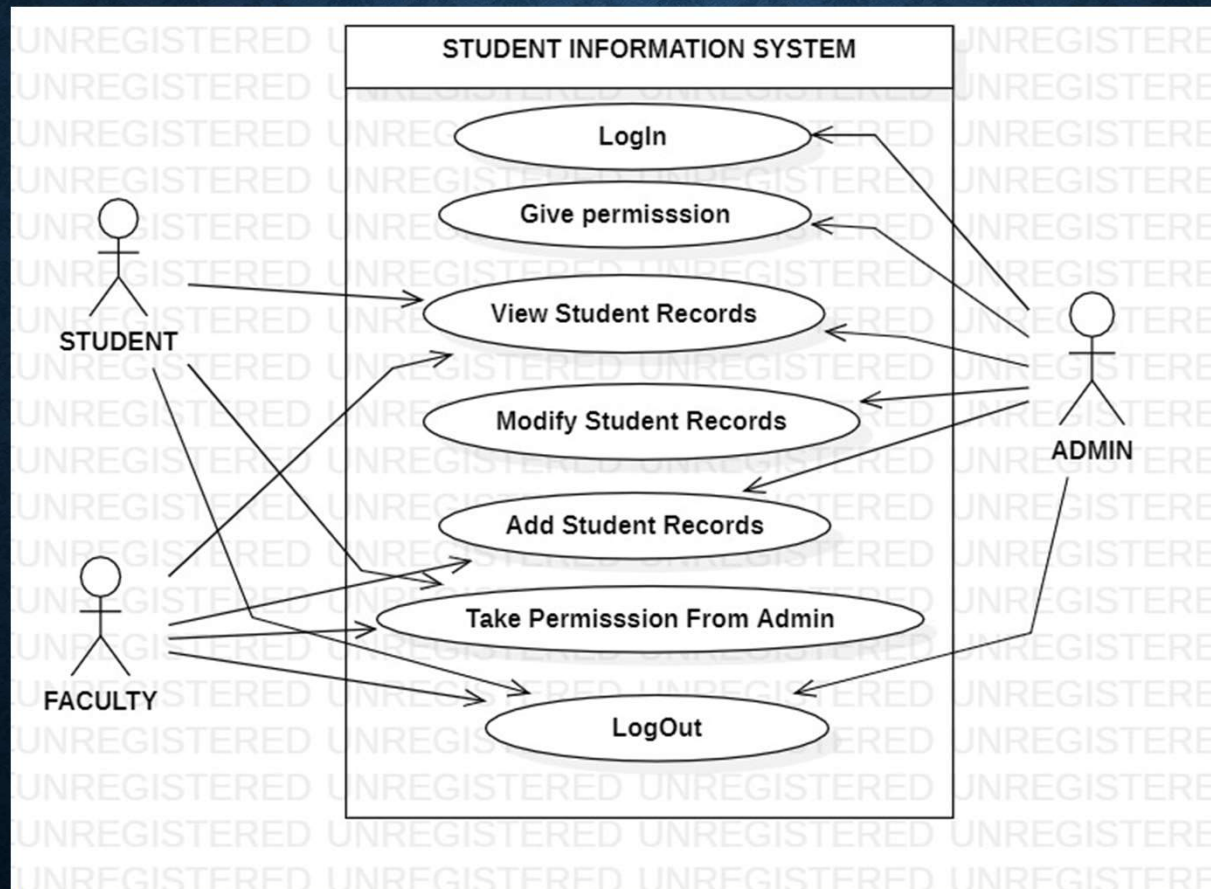
LEVEL 1 DFD



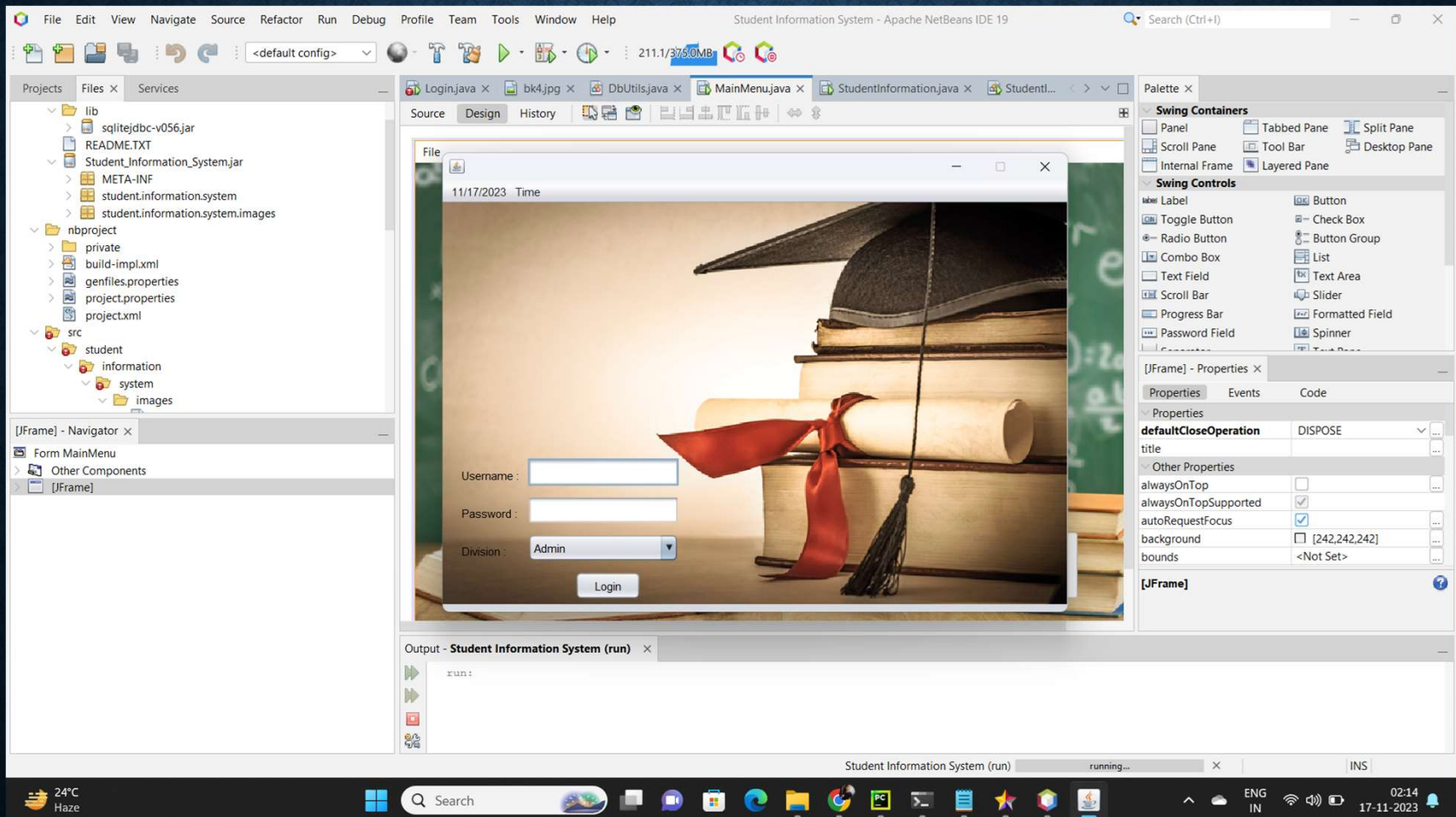
LEVEL 2 DFD



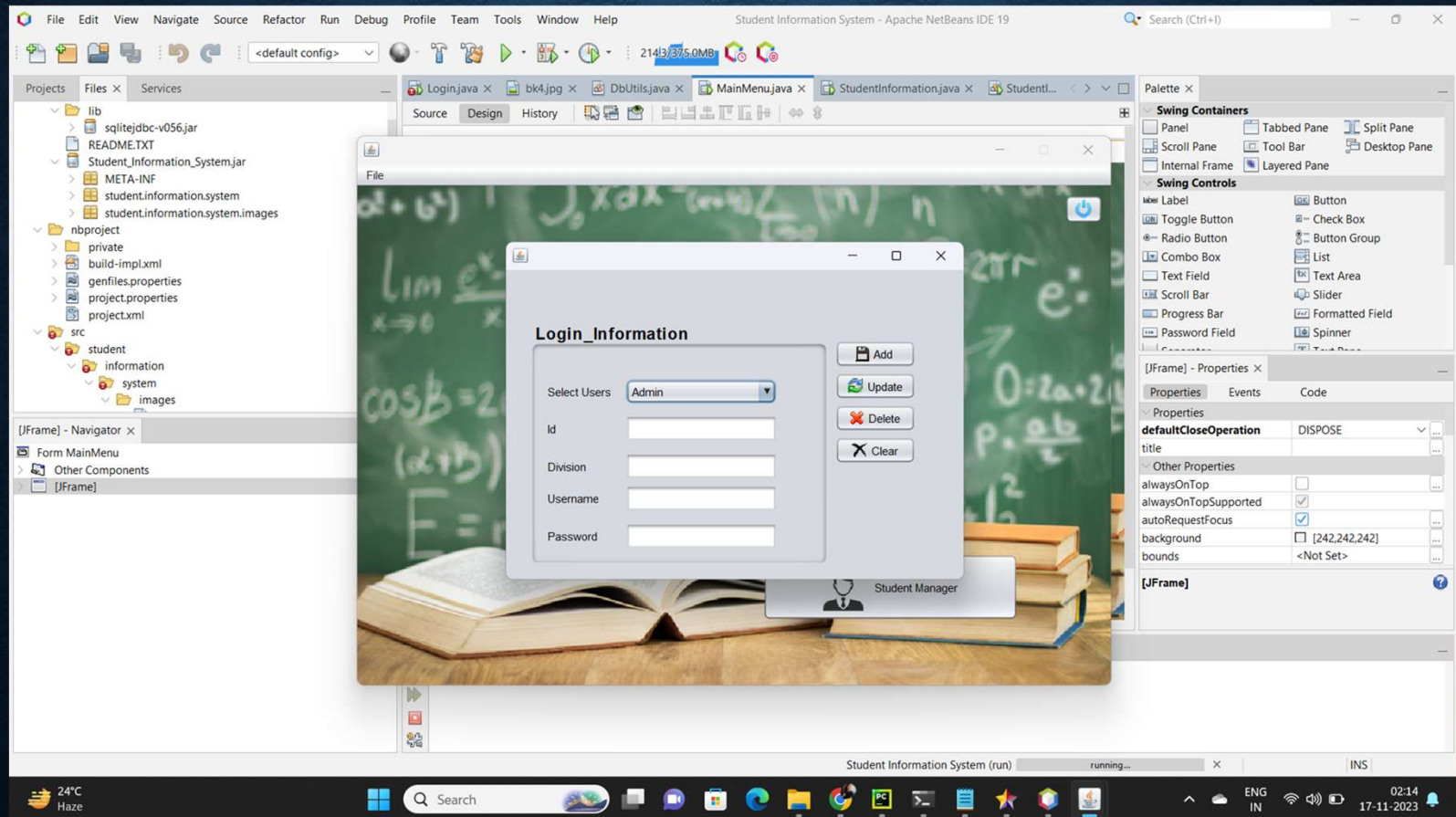
USE CASE DIAGRAM



Home Page



LOGIN PAGE



Students Record Page

Student Information System - Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Projects Files Services

lib
sqlitedb-v05
README.TXT
Student_Information
META-INF
student.inform
student.inform
nbproject
private
build-impl.xml
genfiles.properties
project.properties
project.xml
src
student
information
system
images

[JFrame] - Navigator X
Form MainMenu
Other Components
[JFrame]

File 11/17/2023 2:14:53

Search

Student ID : 2

Logged in As : 1

Student Information

Student ID : 2

First name : Twisha

Surname : Talukder

Date of Birth : 08/01/2001

Gender : ☐ Male ☒ Female

Email : talukder.seuli34@gmail.com

Contact Number : 7980766011

Address Line 1 : bidhan park

Address Line 2 : kolkata

Apt./House No : plot-126

Post Code : 700090

Course Code : math36

Add Record Update

Clear Delete

id	fir...	su...	Dob	E...	Tel...	Ad...	Im...	G...	Ad...	Ap...	Po...	co...
1	T...	Ta...	08...	tal...	79...	bid...	Fe...	kol...	plo...	70...	m...	
2	T...	Ta...	08...	tal...	79...	bid...	[B...	Fe...	kol...	plo...	70...	m...
3	pr...	ch...	01...	pr...	66...	sh...	[B...	Fe...	india	89	70...	p...

DISPOSE

24°C Haze

Search

Student Information System (run) running...

INS

02:15 17-11-2023

CONCLUSION

In conclusion, our Student Information System represents a transformative solution, fostering efficiency, security, and collaboration within educational institutions. By seamlessly managing student data, promoting informed decision-making, and ensuring scalability, we empower educators and administrators to focus on what truly matters – the success and growth of each student.

THANK YOU