Registration
Management System

Registration and Student Card
Generation Management System

BSE-3B

SEMESTER

PROJECT

TEAM MEMBERS

Hamza Altaf

SP20-BSE-047

Ossama Mehmood

SP20-BSE-069

Sara Sultan

SP20-BSE-063

TITLE

- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

PAGE

Registration and Student Card Generation Management System

PREPARED FOR

Ma’am,
Ayesha Hussain
&
Walia Fatima

PREPARED BY

Hamza Altaf – Sara Sultan – Ossama Mehmood

June 11, 2021

TABLE OF

CONTEXT

Registration

Introduction

- This Project reviews the relevant research conducted on online student enrollment used by various universities. Includes essentials for online registration such as online registration program, online registration course, and others.
- To achieve this goal it is difficult to use the system as information is scattered, it can be cluttered, and collecting relevant information can be time-consuming. It can be used by educational institutions or colleges to maintain student records easily. It also provides a time-consuming process to view, add, edit and delete student marks.
- The online registration system will allow online submission of student applications, Student Registrations, Online quiz or test. Saved test results, change student profile.

Registration

- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

Documentation

- In Documentation phase we use to build a strong analysis and requirement gathering of our project.
- We use to made several document included
  - Vision Document
  - Software Requirements Specification (SRS)

Developed Use Cases

Full Dress Use Cases included in

Documentation with there brief descriptions.

Requirement

- Requirement are divided into : -
- Functional requirements.
- Non-functional requirements.

Functional Requirements : -

- Storage of student information, including marks and visits
- Technical management
- Report production

Registration

- Tool-assisted editing
- Student and Admin access
- Registration or subscription management
- Add/Update/Delete Student Information
- Add/Update/Delete Subject Information & field choice Information.
- Create/Delete Student and Admin Accounts

Registration

Non-Functional requirements.

- In this system, the authentication of the user is a crucial issue.
- During this system, user authentication are going to be done by login by user name and Arcanum and classified by user sort.
- Users can get access to the system as permissions square measure classified for that style of user.

Registration

System Features (Full Dressed Use Cases) : -

- In this system, the authentication of the user is a crucial issue.
- Title: Enter the goal of the utilization case – ideally as a brief, active phrase.
- Description: Describe the goal and context of this use case. This is often sometimes a distended version of what you entered within the “Title” field.
- Primary Actor: A person or a software/hardware system that interacts along with your system to attain the goal of this use case.
- Pre-conditions: Describe the state the system is in before the primary event during this use case.

Registration

System Features (Full Dressed Use Cases) : -

- Post-condition: Describe the state the system is in in any case the events during this use case have taken place.
- Main Success Scenario: As you'll be able to see, this field contains the instance from our previous post – i.e. the flow of events from pre-conditions to post-conditions, once nothing goes wrong.

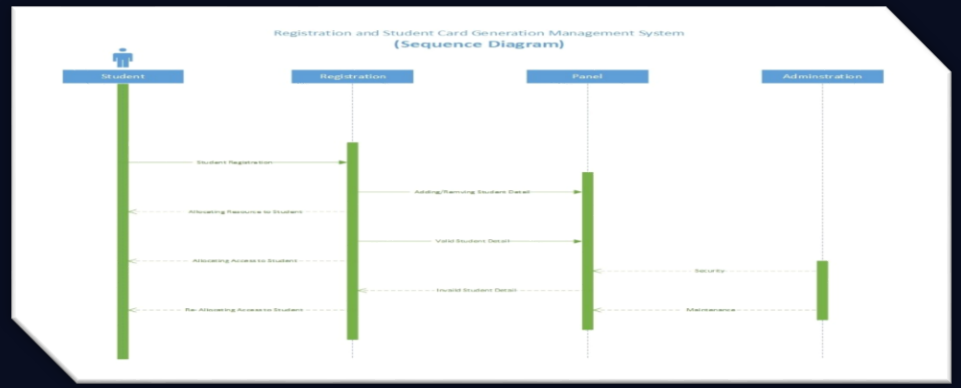
Modeling Phase

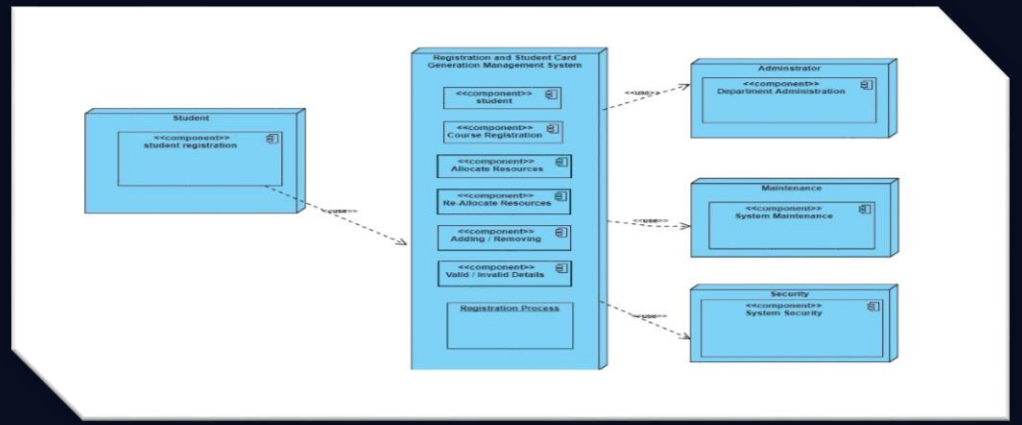
Sequence & Deployment Diagram : -

In the sequence diagram we build a strong connection between student, registration, panel and administrators.

There's a step followed in a sequence that can bring it back as well as move forward depending on the condition satisfied or not.

It's to build a sequence or a fellow moving backward or forward using nodes.





Deployment Diagram is more towards implementation the component are used to build the relation.

The Student Register and moving forward too whole registration propose with the help of administrator and factors based on maintainability or security.

Registration

User Interference

- In User Interface Design, We'll design a login page to access the home interface to perform different operation on the Interface.
- Login Page will use to access Home Page.

Java Frame (Jframe)

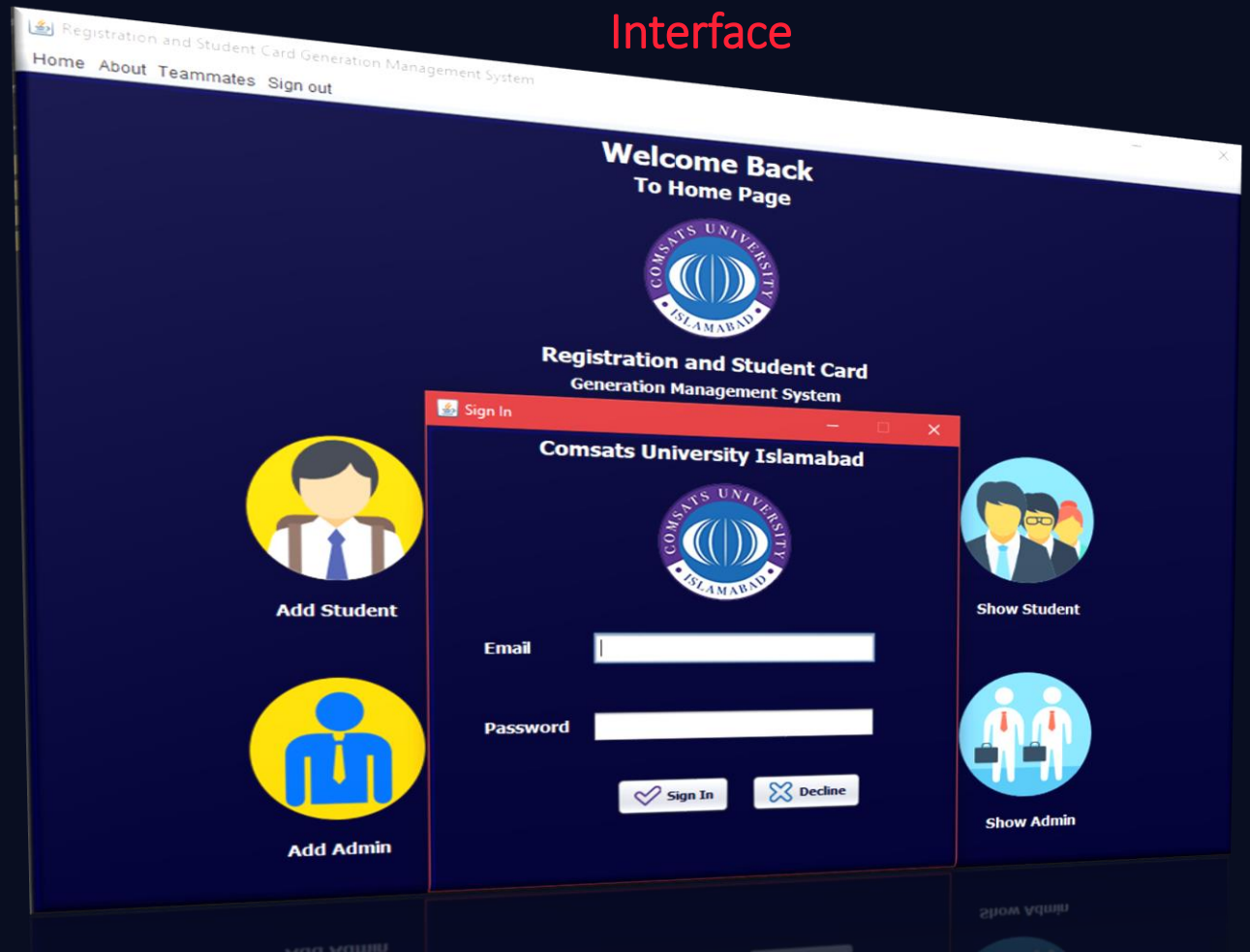
- We're using Jframe to design user interface.
- Implemented as an instance of the JFrame class, is a window that has decorations such as a border, a title, and supports button components that close or iconify the window.
- Applications with a GUI usually include at least one frame

Registration

Semester Project

User Interference

Project Interface

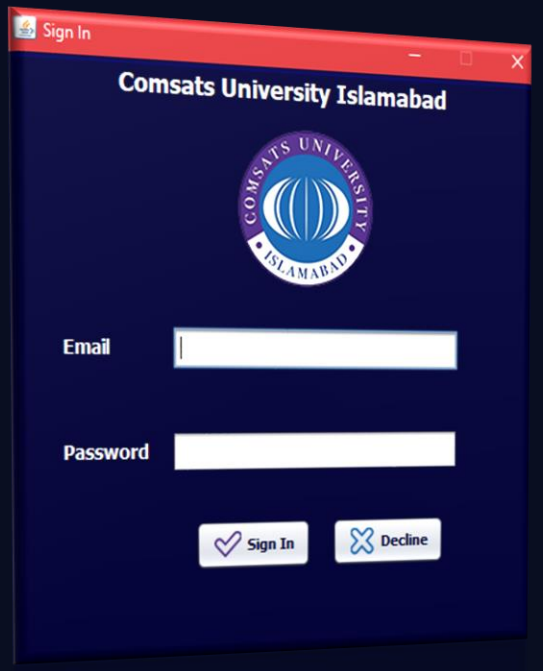


Registration

- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

User Interference

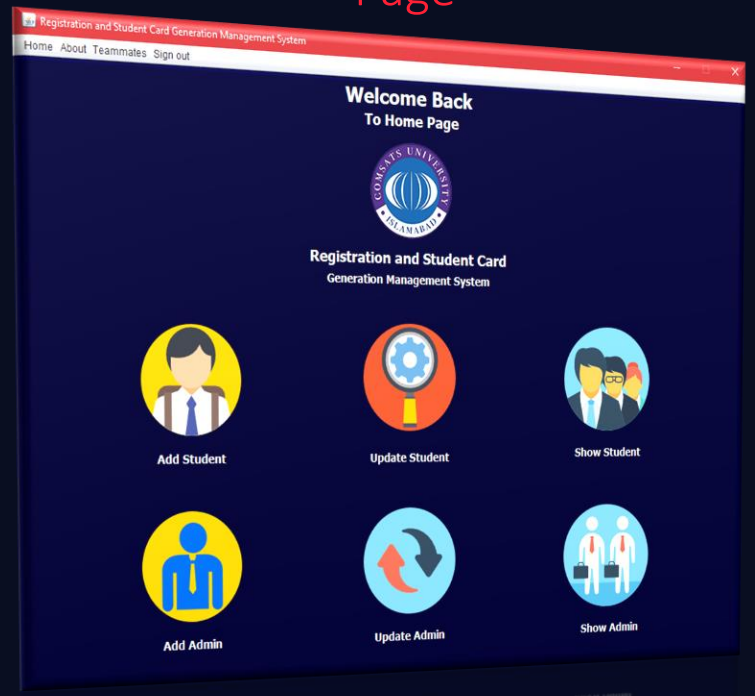
Login Page



Login Page Interface

Login Page will use to access Home Page.

Home Page



Home Page Interface

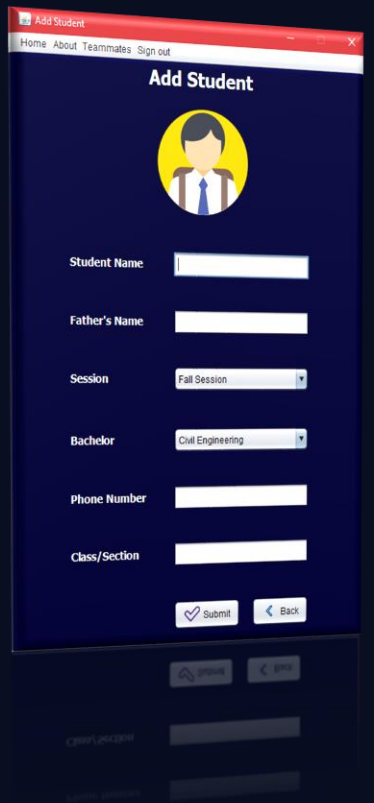
Home Page will use to access all functionalities.

Registration

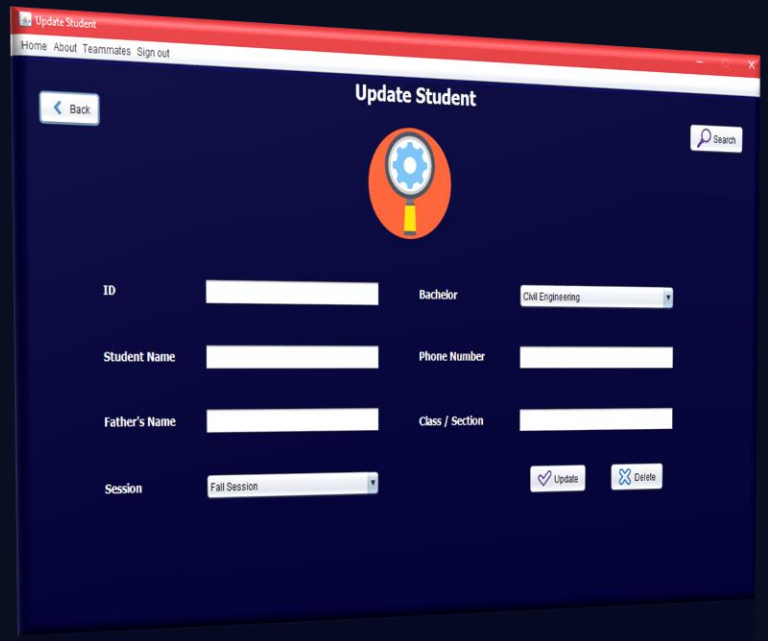
- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

User Interference

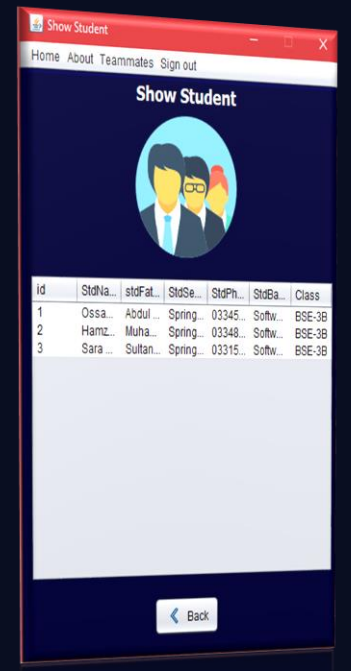
Add Student



Update Student



Show Student



Student Interface

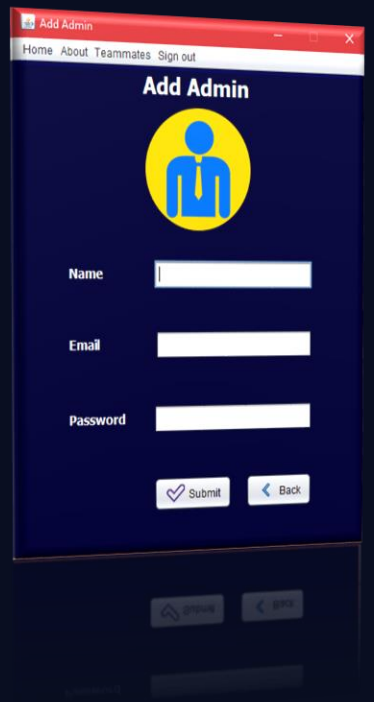
Add, Update/Delete/Search and Show Student

Registration

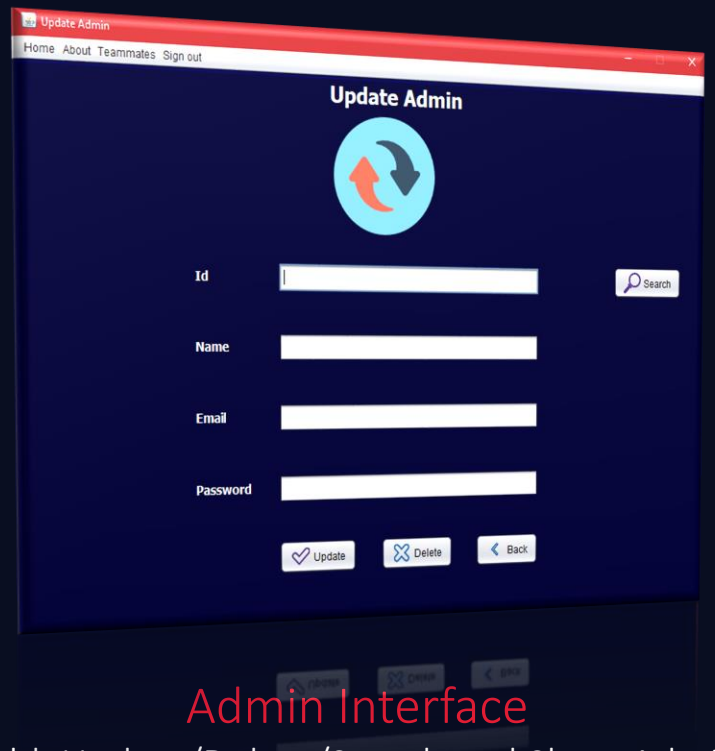
- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

User Interference

Add Admin



Update Admin



Show Admin

Admin Interface

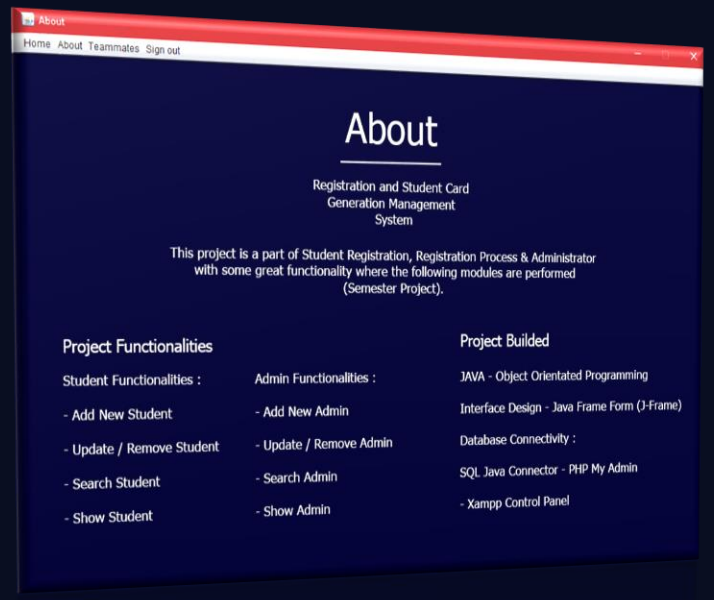
Add, Update/Delete/Search and Show Admin

Registration

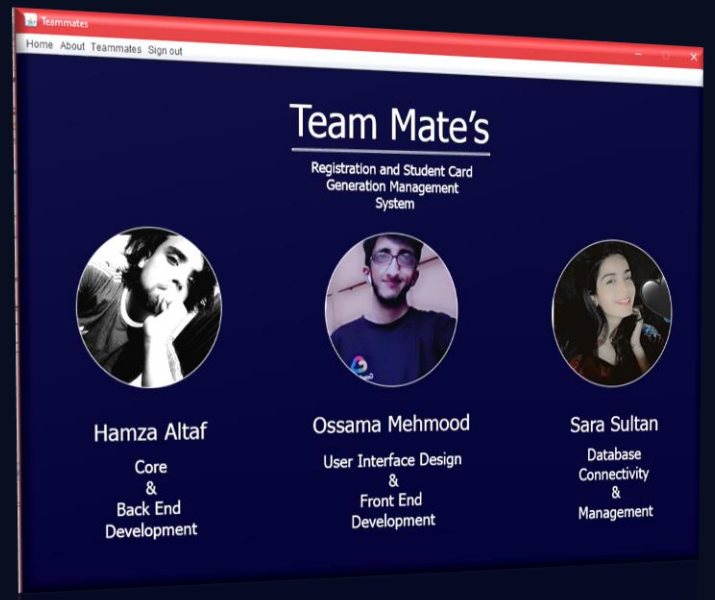
- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

User Interference

About Page



Teammates Page



About and Teammates

About and Teammates Page Interface

Database Connectivity

PHP My Admin :

We’re using Localhost – Php My Admin – Online Database to store details.

We used SQL Connector to build connection between database and NetBeans.

We use XAMPP Control Panel to access Database phpmyadmin.

We’re storing Student, Admin and there registration details there.

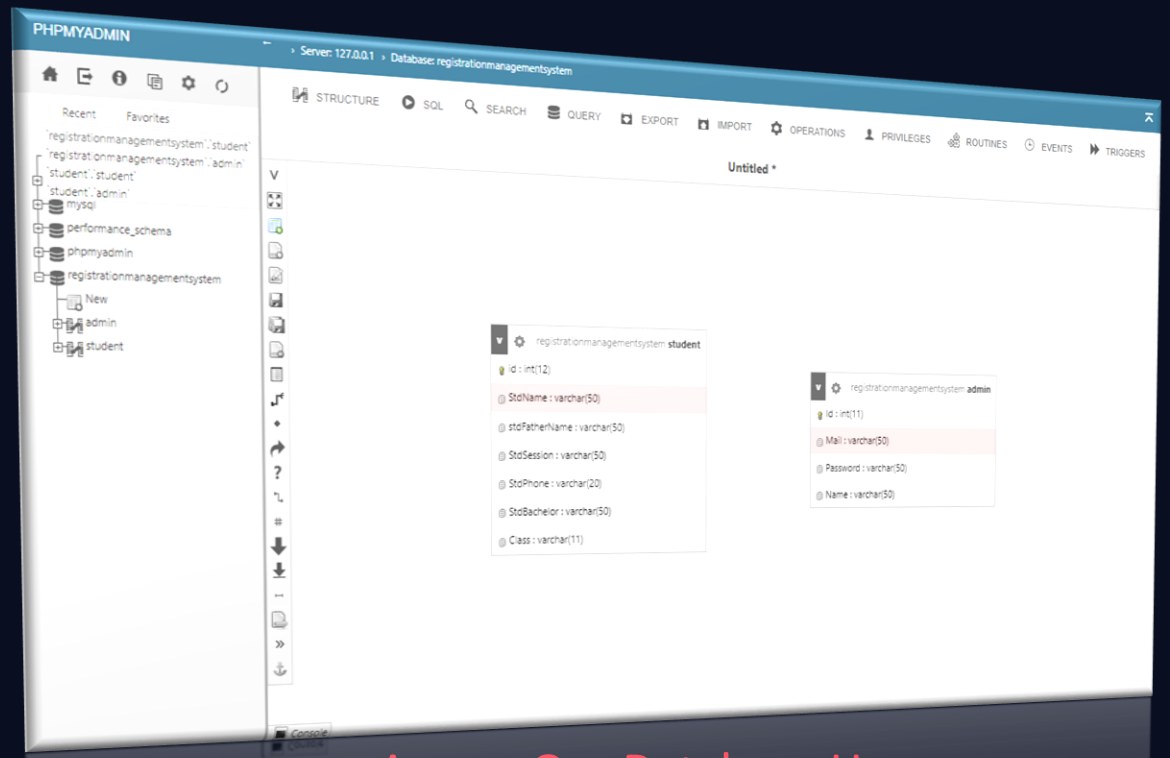
We’re able to Add/Update/Delete - Student/Admin details directly from Database as well as from our Registration Management System.

Registration

- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

Semester Project

Database Connectivity



Access Our Database Here

http://localhost/phpmyadmin

Implementation

In Implementation phase we use to code or developed the Registration Management System

- Implementation will be performing using NetBeans
- We’re using Jframe with implementation to design a user friendly interface as well with implementation.
- We’re using Phpmyadmin (Localhost) for storing Student, Admin and Registration details.

Registration

- Introduction
- Documentation
- Requirement
- System Features
- Modeling Phase
- User Interference
- Database Connectivity
- Implementation
- Maintenance

Maintenance

In Maintenance , We use to deals with different factors that help use to toward improvement in performance.

1. Delete irrelevant content and store old content elsewhere
2. Purge inactive users
3. Schedule version or system updates and down time
4. Reorganize modules in a logical order
5. Cut out the “fluff”

THANK YOU SO MUCH

Ma’am Ayesha & Walia

From: (SP20) - BSE 3B - (Group Mate)
Hamza Altaf (048), Sara Sultan (063), Ossama Mehmood (069)