

Slide 1:

- Asalamu Alaiykum. Good AfterNoon To All.
- I am Syed samiul Houqe student of BUBT on behalf of our team. I hope you are all well by the grace of Allah.
- Here we are all giving an online presentation, on the course named Software **Develpoment** 1(CSE-100) supervised by honourable Umme Hafcha Mukti (mam),course instructor dept of CSE(bubt).

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- Welcome to our presentation named Student Management System.

Slide 3

- The project of Student Management System is presented by
 - Anika Tahsin Pokriti(19202103457)
 - Syed Samiul Houqe(19202103465)
 - MD. Shariar Rahman Oion
(19202103458)

And supervised by Umme Hafcha Mukti Mam.

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Now I am talking about our presentation's outline:

➤ **Introduction**

- ☐ Purpose
- ☐ Scope

➤ **System Analysis**

- ☐ Existing System
- ☐ Feasibility Study

➤ **Software & Programing Language**

➤ **System Overview**

➤ **Conclusion**

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Introduction:

Student management system is an environment where all the process of the student in the institution is managed. It deals with all kind of student details, academic related reports, university details, batch details and other resource related details too. It tracks all the details of a student from the day one to the end of his course which can be used for all reporting purpose, completed semesters result, CGPA etc.

Purpose: The project is about to handle all the information management of the student regarding admission and academic information. The main purpose of the project is to integrate distinct sections of the organization into consistent manner so that complex functions can be handled smoothly by any technical or non technical persons.

Scope: The scope of the project includes the following:

- Any institution can use this system as it is not client centric.
- The Admin Module can be reused for projects as well which have many users with different rights. Hence it is reusable.

Our next slide will continue by our team mate MD. Shiarar Rahman Oion.

Thanks Anika Tahsin.

Assalamu Alaikum. I am MD. Shariar Rahman Oion. Now I will continue system analysis.

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System Analysis: System analysis and design can be characterized as a set of techniques and processes, a community of interests, a culture and an intellectual orientation.

Existing System Analysis: Existing System Analysis is a detailed study of the various operations performed by a system and their relationships within and outside of the system.

Feasibility Study: Feasibility analysis starts by generating broad possible solutions, which are possible to give an indication of what the new system should look like.

Operation Feasibility: An estimate should be made to determine how much effort and care will go into the developing of the system including the training to be given to the user.

Technical Feasibility: The main consideration is to be given to the study of available resources of the organization where the software is to be implemented.

Economical Feasibility: Development of this application is highly economically feasible. The only thing to be done is making an environment with an effective supervision. It is cost effective in the sense that has eliminated the paper work completely.

Slide 7: Use Feature

Loading: The information of the admin of the institute is stored in this entity. It is stored data of login and the password. This provides the security to the system and keeps the record of which user entered in the system at what instance of time.

Admin Login: Each student will be able to select various courses present in the system. It will be published by the administrator under the specific department. All the Process will be handled by the department assigned to them by the administrator.

Menu:

Menu is a function that allows a user of this system to show his or her specific required options.

Slie 8:

There are many features in the menu function of our project. Those are

Add Student: This feature mainly used to add student's information to our system.

Modify Student: This future is used to modify any student information if it is needed to be update.

Show all student: To show all information of our student we have to use this feature.

Individual View: In the institution there will be thousands of students and suppose from this there is need to find the detail of specific student. The only information provided to search is the name of the student.

Remove Student: If the project has to delete the data of any student of the institution, the data can be removed effortlessly by this delete function.

Exit: After doing all the required operations from the system we have to use this feature for login out

Our next slide will continue by our team mate
Syed samiul houqe.

Thanks Shariar Rahman Oion.

Assalamu Alaikum. I am Syed samiul houqe.
Now I will continue program tree.

Slide 9:

Here is a program tree of our project.

Slide 10 & 11:

This slide represent our software and programming language.

Slide 12:

This slide represent our code analysis . there are some header file and some library function.

Slide 13:

For Loop Flowchart :

In Our project we used many types of loops. Here is a flowchart of for loop to show it's working direction.

Slide 14:

This slide represents the recourse of information that we used in our project.

Slide 15:

Conclusion:

Student Management System can be used by educational institutions to maintain their student records easily. It can be easily accessed by the manager and kept safe for a long period of time without any changes. This application is prepared for the established **Bangladesh University of Business and Technology (BUBT)** and it will provide almost full information about how to manage the information of the student. The both utilities provided make the application attractive and easy in getting information.

This was the presentation of our project. I wish everyone well in this epidemic situation. I hope God will keep everyone healthy. Thanks everyone.