

Initiation of “Centralized Intranet Portal” – Work on Student Information Module

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1. Abstract

In IIIT-H, there are many portal available for students, staff, faculty and administrator members. For example, ISAS Portal, Courier Portal, Courses Portal and so on. Each portal is independent and requires a separate database and user login. To access any one from these portal, users have to explicitly login into it and then access the services provided. So it is decided that all these portal should be centralized. To access any of the portal inside IIIT-H, only one time login should be required and automatically all portals should be accessible to the members of IIIT-H. My project is first step towards the goal of Initiation of “Centralized Intranet Portal”.

2. Project Description

The project titled “Students Information System” is one major part of the main project “Centralized Intranet Portal”. It is a complete application in itself that is designed for IIIT-H to manage the information of students, faculty members and staff persons. Users will login into the system by a user name/password pair. After successful login, students, faculty and staff members can see their details as well as can update them.

Administrator will deal with the overall control of the system. Administrator can add, delete and update students, faculty and staff persons. He is also responsible for managing the databases.

3. Project Modules

There are major four modules in the project. Each module corresponds to one particular user of the project. These modules are as follows:--

- Admin Module
- TempAdmin / Assistant Module
- Student Module
- Staff Module
- Faculty Module

Common Modules which are provided to all above type of users are :

- Login Module

In addition to that, Admin and Assistant has one extra module to access.

- Report Module

4. Modules Description

The details of each module are given below: --

1. Login Module

- Login
- Logout

Login

In this module, two interfaces are provided as listed above. Login is used to login into the system. Administrator has to login using his username and password where as other users need to login using their IIIT email id (as username) and password. If user is not authorized then he/she is not allowed to enter into the system. After successful login, depending upon the admin or normal user, different interfaces will be provided for interaction.

Logout

By clicking on the logout, user successfully logged out from the system.

2. Report Module

This module is used to show details of :

- Databases
- Students
- Faculty
- Staff

Database Details

This is used to display the details of the databases. It describes the tables and structure of other databases.

Students Details

This is used to display details of students.

Faculty Details

This is used to display details of faculty members.

Staff Details

This is used to display details of staff members.

3. Admin Module

- Add New Student/Staff/Faculty Member
- Delete Existing Student/Staff/Faculty Member
- Update Existing Student/Staff/Faculty Member
- Manage Databases

- Add new fields into the databases

The overall control of this system is in the hands of administrator. He interacts with the system through this module. Administrator is allowed to add, delete, update details of the members. He is also responsible for managing the databases through the interfaces provided to him.

4. Student Module

- Update Details
- Show Details

IIIT-H students will interact with the system using this module. They are allowed to update only those details which are not critical from the viewpoint of administrator. They can see their non-modifiable details also through this interface.

5. Faculty Module

- Update Details
- Show Details

IIIT-H faculty members will interact with the system using this module. They are allowed to update only those details which are not critical from the viewpoint of administrator. They can see their non-modifiable details also through this interface.

6. Staff Module

- Update Details
- Show Details

IIIT-H staff members will interact with the system using this module. They are allowed to update only those details which are not critical from the viewpoint of administrator. They can see their non-modifiable details also through this interface.

7. Assistant Module

- Show Details

Assistant will interact with the system using this module. They are allowed to see details of students/staff and faculty members but they are not allowed to update or delete these details.

5. Technology Used

Front End : HTML, PHP

Back End : MySQL