ABSTRACT

The MANAGEMENT INFORMATION SYSTEM OF DISTRICT COMPUTER CENTER is a web-based system aimed to make easier and more convenient way of the keeping and processing the records of the system. MANAGEMENT INFORMATION SYSTEM OF DISTRICT COMPUTER CENTER is developed with a front-end web interface and a back-end database.

There are five types of users who can perform the activities of the system namely the matron staff, the caretakers, the DCC in charge, the administrator and the external users. To perform their respective tasks the first four types of users will have to enter the system by providing their User ID and Passwords. The external users will not be required to provide any password. They can only view different information about the DCCs but are not allowed to perform any other tasks.

The Administrator will be responsible for appointing new Managing Director, activating and deactivating user accounts. The Amtron staff will enter the details of newly appointed DCC caretaker or DCC in charge , view and update the entered data. Entering the details of the different courses available in the DCCs and the details of different programs held at the DCCs is also a responsibility of the Amtron Staff. The Caretakers and DCC In Charge will enter or manipulate student details, his staff details or the trainee details. For all these purposes the above users will have to log in to the system with their UserID and passwords. The last type of users viz. the external users can view the DCC details by simply clicking the links provided in the hompage. No UserID or Password is required for that.

In the web development field, three-tier system architecture is used. The system is developed with a front-end web interface using JavaScript, AJAX,HTML and CSS and a back-end database MySql. Server side language PHP is used which could be considered front-end as they are used to dynamically generate the front-end page for the user.