

SHRI G.S. INSTITUTE OF TECHNOLOGY & SCIENCE



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Digital Notice Board

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Digital Notice Board

1. Introduction

Irregularities in the access of information often cause mismanagement for both the organisers and the participants. Notice board are for the older times, because the process of decision making is going through a transition. The frequency and time to take decision are now in the inverse relation. There is a need to provide information as soon as possible to conduct the activities smoothly with active participation. Information seekers are reluctant to physically go at the notice board, they need that information at a distance of one click, as done in the other cases usually.

1.1 Problem Statement

Participation in the different activities organised by the clubs in college are essential for the overall development of personality and a robust mechanism to check one's potential. Unfortunately, many students are unable to participate in such activities merely because of unavailability of that information that a function is organised for them. Hence there is need to implement the technology we have to solve these daily life problems.

Problem with existing system

- (1) We have notice boards and walls but more often we have the tendency to avoid them.
- (2) All are not the member of the group over whatsapp therefore it is a problem.
- (3) Mails(as done by TPO) are the most inefficient way of conveying announcement.

2. Overall Description

2.2 Product Perspective

Due to an easily accessible platform the communication between distant recipients is effective. A dedicated website will be a game changer in this context. A proper categorical display of announcements and notices will be easily comprehensible at the same reduce the efforts to just one click. The main objective is to reduce the efforts and that can be easily done.

2.3 Benefits of Digital Notice Board:

- Lowering the latency of dispatching of information and its reception.
- Omitting the chance of missing any important information.
- Reducing the cost used for posters and templates.
- Maximizing information distribution range.

2.3 Proposed System

It mainly work as a support mechanism for different official clubs and departments to make important announcement. It is a website with easy to use user interface, the user just have to click on different labels according to their preferences.

2.4 User Classes and Characteristics:

2.4.1 Admin

Admin can remove or add any new information to the website.

2.4.2 Users

Different clubs are the users, they can add an announcement in the form of PDF.

2.5 Operating Environment:

- This software is a web based application.

- Hardware requirement - system
- Software requirement – windows

2.5 Design and Implementation

This software is designed to run on any web browser. One club will be considered as a single user. Authentication is must in order to register on the website.

2.6 Technology Used

We used HTML-CSS for front-end development using Atom. For back-end development we used MySQL database.

3. EXTERNAL INTERFACE REQUIREMENT

3.1 User Interface:

User friendly interface of website and easy to navigate for first time user.

3.2 Communication Interfaces:

User will receive reminders through notifications.

3.3 Software Interface:

- The website will manage data using MySQL database.
- This software will run on any web browser.

4. SYSTEM FEATURES

4.1. Login

This feature helps to login into the system which may be admin, operator , member.

4.1.2. Functional Requirements

Input: Enter username.

Input: Enter password.

Output: Login Successful!

4.2. Upload

4.2.1 Description

This feature helps user to upload new announcements.

4.2.2 Functional Requirements

Input: Enter new file.

Input: Enter the label for file.

Output: Uploaded Successfully!

4.3 Registration

4.3.1 Description

Through this new users can get access to the facility of uploading their content.

4.3.2 Functional Requirements

Input: Credentials

Output: Registration successful