**inSight 2017**

**Department : Computer Science department**

**Problem Title : Attendance validation**

**Problem Code : PS04**

**Problem Description :**

There are certain situations like placements for the 4th year students; various technical events cultural events, etc. where in students have to participate. These students tend to miss their classes. Since there is an eighty five per cent (85%) attendance constraint in SIT, the students taking leave from classes for genuine reasons must get attendance for them.

An application which would enable the students to raise request for the attendance to the HOD with provision for the HOD to validate the genuinity of the request and then grant the attendance.

The faculty handling the subject should come to know that the request has been approved and give attendance to the student, i.e. the app should involve student, faculty and the HOD as the end users.

**Proposed solution:**

For the above problem we are developing web application which will help a student to validate their attendance. We are making it only for one department (if required it could be done for various departments). The website will first ask the student to enter his/her name, USN and their respective semester. The subjects of that particular semester will be displayed. The student will choose the subject for which he/she needs the attendance.

After the subject been chosen, a mail box will be displayed, in which the student have to mention the genuine reason for not attending the classes. If the HOD of department accept his/her request, then a copy of this request is sent to that respective subject faculty and attendance is granted for that student. Even the student while get the proper notification whether his/her request is accept or not.

**Technology Stack:**

* HTML and CSS
* PHP
* JAVASCRIPT
* SQL to store the Student details(Backend)

**Use Case:**

STUDENT NAME

REASON

TO: HOD

GUNUINE REASON(*Maximum of 100words)*

MAIL BOX:

Faculty

STUDENT

VISIT WEBSITE

LOGIN

* STUDENT NAME
* USN
* SEMESTER

Sub 3

RESPECTED SEMESTER SUBJECTS

Sub 2

Sub 1

PROPER

NOTIFICATION

WHETHER

ACCEPTED OR NOT

IF

ACCEPTED

HOD

**Team Members details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Role** | **Name** | **USN** | **Email id** | **Phone no.** |
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