

Problem Statement 2

Attendance Manager- Its all about planning!!!

This is a story of a boy named Kavish, he hates to go to classes but since 75% attendance is mandatory by the college, so he can't miss them. One night lying on his bed something strikes his mind, guess what?? He has a solution - A website!!!

Wondering how a website can be a solution to this problem? I agree it can't be a complete solution to this but it can help you plan your time, help decide you which classes you can bunk and which you can't, It will help you prioritize your studies, your time, and in a way your life just like Gmail does it to your mails "Priority Inbox".

In this problem you have to make a website that will manage its user's attendance. Here are some features that should be kept in mind while you design and develop your website:

- User registration and log in is a good point to start your site with.
- Each user should have a facility to maintain his/her attendance record at the end of each day (this is the primary objective of this website). The attendance should be entered by the user himself.
- Making the website handy is what a user needs. You can add features like: "Make a group" and "Add classes to that group" and even your "Full time table".
Example: Say someone adds "MNNIT, CSE 3rd year" as a group and send invites to his/her fellow members. His group member can have a privilege to add classes to the group, or start a discussion or a poll.
- Management of attendance doesn't only mean entering every day's attendance. You should customize your attendance as you do in real life scenario, like planning your future classes, which classes you might miss. The site should give suggestions, like warning about low attendance in a particular subject and which classes you can afford to miss.
- There should be a provision for report generation, where the user can see the full report of all the subjects' attendance.
- The user can send notifications either via messages or any other form. Notification can be about his being absent for a long time in class, his attendance percentage falling low, about the topics to be covered in a class or any other issue/reason.
- Make custom privilege levels for your group members and others, i.e. the user can choose who can see his attendance and notifications.

Apart from these, you can add more features like:

- A simple chat and group-chat module to interact with group members.
- Add as many features as you can, think about yourself and your situation in real life, when to go to a class, when to bunk, what notifications you might want to send to your friends about a class etc.

Rules:

- Use of CMS like Wordpress, Joomla, etc. is not allowed but if you want to add a feature of blog to your website then you can do so (the template in your CMS should be designed by yourself.). But the whole site can't be based on CMS.
- You are not allowed to use any open source libraries except jQuery.
- Cross browser compatibility is a must.

P. S.: We expect the majority of the features to be implemented. Apart from these, new add-ons would be appreciated and will fetch you a better score!!!