Problem Statement

The ISO and Documentation portal will be used for maintaining the ISO files for each of the committees that are formed for the college fest. Along with it, the portal will be used for all kind of documentation purposes like the generation of the certificates for each of the members and the participants that take part in the fest.

Project Objectives

1. The ISO files for each of the committees will be maintained where a committee will have to upload its file on the portal. This file will then be checked by the ISO team i.e the admin who will tell the mistakes from each of the files which will be shown as a comment on the portal.
2. The Documentation aspect of the portal relates to the distribution of tags and certificates for each of the committee members, events and sports that are held during the fest. This would require that each of the committee fills out an acquisition form where they will have to specify the details of their committee such as the list of members from every category that exists within that committee.
3. There will be a separate form where the **events team** will have to specify all of the events that will take place in the fest with the date, venue and time. The **registration team** adds to each of the events, the list of the participants (internal and external) with their college names and other details. Later, when the event gets over, the **events team** updates the first three rankers on the portal. On the basis of these details, the **documentation team** generate certificates and mail to each of the participants accordingly.
4. The same procedure is carried out between the **sports committee, registration committee** and the **documentation committee** for the distribution of certificates for the sport’s events.

Feasibility Study

The project is feasible and can be completed within time. Major part of the time will be consumed in the designing of the portal and the database where all the data will be stored. This portal will be a great help in minimizing the work load of the iso and documentation team.

Process Model

We plan to use the **iterative development** model for our project. An iterative model does not attempt to start with the full specification of requirements. Instead, development begins by specifying and implementing just part of the software, which can then be reviewed in order to identify further requirements. This process is then repeated, producing a new version of the software for each cycle of the model.

This model will help us detect the errors of the project at an early stage since we will be building and improving the product step by step. We will also be able to get user feedbacks from time to time which will further help us in improving the project.

Deliverables

This project will help in minimizing the work done by the committees during the college fest, specially the ISO and Documentation team. There will be no hard copies for any document or report. Every detail will be stored onto a database which can be accessed very easily. E-certificates will be given to each of the participants and the members of a committee on the basis of work done by them.

The project will be using the PHP Mailer so that the mails can be formed and sent to the students. Bootstrap will be used for the designing of the website.

Project Scheduling