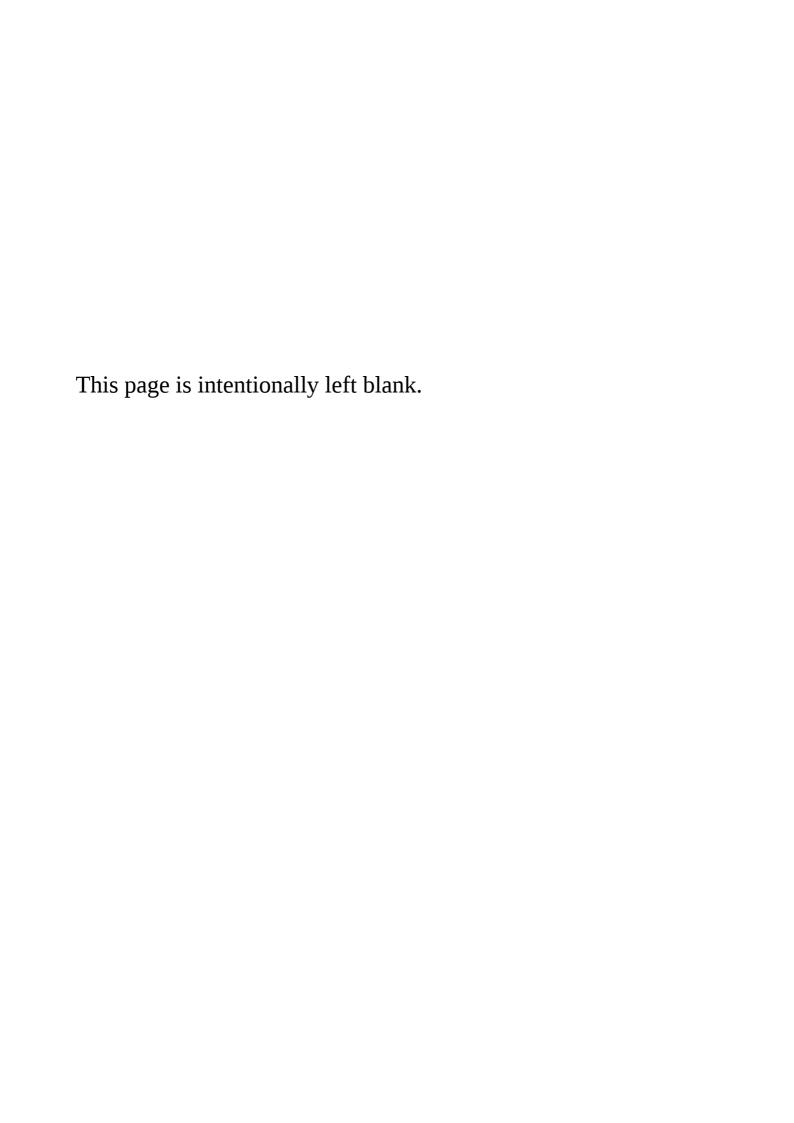# Student Mentor Allotment

A Project Report Submitted
in Partial Fulfillment of the Requirements
for the Degree of
BATCHELOR OF TECHNOLOGY

by-
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<u>Abstract</u>

The aim of this project was to build a web portal for students who want to be involved in extra curricular activities organized by various clubs in our college.

<u>Certificate</u>

It is certified that the work contained in the project report titled **Student Mentor Allotment** has been carried out under my supervision and that this work is not submitted elsewhere for a degree.

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Signature
Dr. Ravindranath Chowdary
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October 2015

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<u>Acknowledments</u>

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1. Introduction

There are 4 councils under Gymkhana -
1. Cultural Council.
2. Film and Media Council.
3. Science and Technology Council.
4. Sports Council.

There are many clubs of similar types under each councils and each club organizes a number of events throughout the year for students. This requires a great amount of effort by the students in the organizing team. Also students eager to participate in these events need and seek some guidance from senior students. This is where the need of mentor allotment arises.

Things to keep in mind while organizing an event is-

1. Only authorized persons shall be able to announce a new event.
2. Only those students must register who do not violate any constraints.

This portal helps students to organize events upto a large extent by providing a portal that will register event, its time, organizing club, and other details and also only college students must be able to register in those events. This prevents any type of malicious activity on the portal which is one of the major concern regarding organizing an event.

2. Features

As per the requirements provided by the client, this project contain portals for all kind. Following are the features of the portal-

1. Students can directly login without any signup.
2. A new event can be announced using a secret key available only with the authorities.
3. A club can be registered using the portal by authorities only.
4. Only a student satisfying all the constraints (event constraints provided by organizer) is able to participate.
5. Only a club member can apply for mentoring an event of the same club.
6. Students successfully registered for an event will be allotted mentors of same event automatically such that difference between the number of mentee of each mentor is atmost 1.
7. A student can request other students for a team event. Other students may accept or reject the request. A team will be eligible only if team has minimum number of team members.
8. A participant may request meeting with mentor. A participant can also check meeting schedule event wise.
9. A mentor will accept requests of mentee and give a place and time to meet.

3. Implementation

This project is implemented using -

1. python – backend is in python using its library django.
2. Google sign in api – to authenticate college students.
3. MySql – Database system.
4. Jquery – Javascript library for front end.

4. Summary

This project focused on making event organization more easy and comfortable for students by providing a separate web page for each of the activity that is required. It is a robust system that stores the details of each and every event, its participants, mentors, etc. so that the possibility of any error that may occur is as minimum as possible and the event shall occur successfully.

References

https://docs.djangoproject.com/en/1.8/

http://www.w3schools.com/

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