

OOAD Spring 2016 Project Description

Softec Management System

Softec is a well-known event held every year at **Fast-Nu**. People from all the regions come every year to participate in different competitions. The event is held for two-three days and covers a wide range of activities like **Seminars, Competitions, Exhibitions** and **Entertainment Events** like LAN Gaming and Entertainment Eve etc.

Softec has a working team which follows a certain hierarchy. The **President** comes on the top-most level who have certain roles and rights. Then there are three **Vice Presidents** who work under him/her and so on. Softec team works around the year to organize a successful event. Complete information about the event, activities and team structure is available at Softec website (<http://softecnu.org>).

In order to improve the overall management of event, a comprehensive event management application is envisioned that can help in the planning, scheduling and tracking of the various activities before and on the day of event. For instance, system should manage all the exhibition and competitions details including attendee's registration, judges' record and invitations, allocation of rooms and event plan. It should also help the softec society in managing the team structure (information of department heads, volunteers, etc) and organize meetings to track progress on various tasks. Marketing personnel should be able to keep track sponsors and the status of funds generated so far.

Design and develop a system that can serve Softec society needs. Try to develop it as a generic system that can be customized for other societies as well.

Project Deliverables and Schedule

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|-----------------------------|-------------------|
| • Usecases | October 17, 2016 |
| • Design and Implementation | November 28, 2016 |
| ◦ Class Diagram | |
| ◦ C++ / Java Code | |

Examples

- Odoo (<https://accounts.odoo.com/page/events>)
- OSEM (<http://osem.io/>)