

# Project Proposal

## Project Title

### SOFTEC MANAGEMENT SYSTEM (SMS)

## Introduction

The **SOFTEC MANAGEMENT SYSTEM** is a web-based platform designed to organize and manage competitions, recruitments, task assignments, and departmental hierarchies efficiently. The system ensures seamless collaboration among team members, real-time updates on competition results, and effective communication across various organizational levels.

## Objectives

1. Provide a centralized platform to manage SOFTEC competitions, recruitment processes, and organizational hierarchy.
2. Enable dynamic, real-time updates for competition results.
3. Facilitate efficient task assignment and tracking for teams.
4. Automate meeting scheduling and email for relevant personnel.

## System Functionalities

1. **Competitions Module**
  - Display comprehensive details about competitions.
  - Provide a registration form for participants to join various competitions.
  - Offer real-time updates and live results for ongoing competitions.
2. **Recruitment Module**
  - Host recruitment forms for roles such as Deputy Heads, Officers, and other hierarchical positions.
  - Allow candidates to apply for vacant roles directly through the platform.
3. **Hierarchy Management**
  - Define and manage the organizational structure:
    - **President → Vice President (VP) → Assistant Vice President (AVP) → Head → Deputy Head → Officer.**
  - Facilitate role assignments:
    - **Officers** report to **Deputy Heads**.
    - **Deputy Heads** report to **Heads**.
    - **Heads** report to **AVPs**.
    - **AVPs** report to the **Vice Presidents**.
4. **Meetings Module**
  - Allow **Presidents, AVPs, Heads, and Deputies** to schedule and manage meetings.
  - Notify relevant personnel dynamically, ensuring proper communication at each level.

## 5. **Task Management Module**

- Enable efficient task delegation:
  - Heads assign tasks to Deputies.
  - Deputies assign tasks to Officers.
  - AVPs assign tasks to Heads.
- Provide a system for tracking and marking tasks as "**Done**" upon completion.

## 6. **Activity Overview**

- Allow supervisors (e.g., Deputies, Heads) to monitor the activities and task completion progress of their subordinates.

## 7. **Real-Time Email**

- Send automated email for:
  - Task assignments and updates.
  - Meeting schedules.
  - Recruitment-related updates.