

# Project Report

**Couse:** Web-based application programming

**Course code:** MIS 233

**Project name & number:** Registration Management System, Project 2

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## Introduction:

- **Problem:** Schools need to spend a huge amount time collecting, organizing, categorizing documents relating to registration (i.e. professors/students/courses forms). Students/faulty members have to wait in long queues and submit the forms, which is not effective considering the time and cost they might spend. For administrators, they not only need to review but verify the accuracy of all the registration forms, which may eventually lead to error.
- **Purpose:** A comprehensive registration management system can automate the process in university. It reduces the time it takes to manually organize the registration forms. For students and professors, they can do the online submitting at their own place. If any provided information is missing or not meeting the requirements, the system can immediately alert them a waring message. As for administrators, they can easily supervise students/faulty members' information in one well-structured system.

## Problem Specification:

### 1. Administrator:

- Login and logout
- Define a new professor/student and new course
- Deactivate an existing user
- Reset the password of an axisting user
- Obtain the list of all professors/students/courses in the system
- Management of system parameters
- Get user statistics

### 2. Students:

- Login and Logout
- Change Password
- Ask for Consent
- Add/remove a course to/from the course list
- View Course List

### 3. Professors:

- Login and logout
- Change password
- View/process consent requests
- View course and student list
- Submit grades

#### Algorithm / Program Design:

