



# Project proposal of Tabulation Sheet Management System

Submitted by

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Submitted to

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## **Project title:** Tabulation sheet management system

**Project description:** This is a small scale web application project for tabulation sheet management system for department of CSE, SUST. It can also be used on desktop via installing web server locally. Tabulation sheet management till final publication needs lots of efforts for teachers and also takes lots of time. Our target is to design a system where these extra efforts can be minimized.

There are two modules like:

1. Admin
  - 1.1. Course entry /modification
  - 1.2. Student entry/modification
  - 1.3. User creation/password reset
2. Teacher
  - 2.1. Result search and entry.
  - 2.2. File import(excel)
  - 2.3. Password reset
  - 2.4. Report view and print.

Task done:

- 1.1, 1.2, 1.3, 2.1, 2.2,2.3 by Md. Atequer Rahman.
- 2.4 by Md. Ahsan Kabir.

## **Features:**

### **1. Admin**

Course->

Entry.

View.

Student->

Entry.

View.

Setup->

Create User.

Reset Password.

1. Couse Entry: Admin can give entry of current semester wise courses.
2. Course View: Admin user can search courses on the basis of 'course no.' and 'batch no.'. Then can update or delete individual course.
3. Student Entry: Admin user can give entry of registered students for specific course. S/he can update or delete entry if needed.
4. Student View: Admin user can search registered students on the basis of 'couse no' and 'batch no'. Then s/he can update or delete individual student profile.
5. Create User: Admin can create new user, update, delete, activate, deactivate user.
6. Reset Password: Every user can reset password.

## 2. Teacher

Result->

Search and Entry.

Import file.

Setup->

Reset Password.

Report->

View and Print.

1. Result Search and Entry: Teacher can search and modify individual students result of his taken courses. S/he can give entry of student's term test mark, attendance mark and final exam mark.
2. Import file: Teacher can import excel(.xls, .xlsx) file and view it. Then can select rows which need to be updated. After updating data will be saved in database.
3. Report View: After entering result, teacher can show result as report. Then can print it for hanging on notice board.
4. Report print: When result need to be published, then report will be printed as like as tabulation sheet format.
5. Reset Password: Every user can reset password.

### Language & technologies used:

1. Java (SE & EE)
2. Spring MVC as JEE framework.
3. Spring Security for user authentication.
4. Thyme leaf for viewing page.
5. ORM: Hibernate
6. Database: MySQL.
7. Report and printing: BIRT
8. Build Tool: Maven
9. Web server: Tomcat
10. Java script(JQuery).