

# Project Tracking System

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**Abstract** - This paper presented information about the online project tracking system. This online project tracking system is designed to track the process of final year project of student. In which, student can upload his/her group documents on their login portal step by step as the per the project process. On which, project guide will monitor on their assigned groups. And then give feedback report to their respective student groups

**Key Words:** Angular7, MongoDB

## 1. INTRODUCTION

Our project is Project Tracking System; Project Tracking System is a system about tracking the process of project of students. In which, there are four login portals. The first one is Admin. Admin is responsible for assigning ProjectIncharge, Project Guide, and Student Groups. Admin monitors on ProjectIncharge. The second login portal is ProjectIncharge. ProjectIncharge has rights to receive project reports and give feedback on the project report as per the student group comes from the Project Guide. ProjectIncharge is also responsible for checking the status of projects. The third main login gateway is Project Guide. Project Guide is responsible for receiving project reports and give feedback on the project report as per the student group comes from the Student Groups. The last login portal is Student Groups which will be responsible for uploading documents, receiving feedback for ProjectIncharge.

### 1.1 Motivation

In every college it is complicated task to keep record of final year project of all departments. And also its headache for teacher to keep exact eye on each student groups. So as per the college requirements we decide to do project tracking system, so every project is stores in this system and teachers are show each project status and give feedback to each project as per its current status

### 1.2 Need Of Project

- To accuracy in report generation
- To need user friendly software for managing report
- Customization available
- Well featured app that helps in increase efficiency in Project Management.

### 1.3 Outcomes

- Project Tracking System helps to track the project of student groups in efficient way.
- Project Tracking System allows us to check the status of our project.
- With the help of this software students can able to uploads documents in easy way and also able to receive feedbacks from project guide.
- With this software project incharge can oversee on two aspects (Student group, Project guide)

## 2. Literature Survey

### 2.1 IEEE Xplore, 2 April 2003: - Improving project planning/tracking for student software engineering projects through SOPPTS By J. Zhang ,D. Zage , W. Zage.

In general, all groups thought that PTS(project tracking system) was valuable for the student project making and uploading process. Students suggested that all classes require the use of PTS just to use the features of the project tracking system room and the online submission of project documents. For our study, only a few teams from the software engineering class used PTS. It was suggested that all teams be required to use it from the start of the semester. Additional features requested included providing more online information about the project tracking system and gives help column in PTS.

### 2.2 IEEE Xplore, 6 August 2002: -Software Project Planning Associate (SPPA): a knowledge-based approach for dynamic software project planning and tracking

Tracking of Software/hardware project can be one of the most difficult and critical activities in the software/hardware project development process and tracking. Without project tracking system and attributes of an software project plan, the project tracking process cannot be track and managed in an easy and efficient way. Some software projects never complete anything. Project Guide and project incharge have difficulties to track, understanding and analyze the project making process mentioned in a software/hardware project planning. The Software/hardware Project Tracking System , developed or build in the Angluar language ,designed to assist a project incharge and project guide in objectively initializing a software project plan and project status, , organizing, project documents, arrange, invision, administer, trace, forecast and documents collecting. The needed assets, tasks, schedules and goals and objectives of the project tracking are mentioned in the planning process. As software or hardware project development process progresses, calculation are collects and compliane to the software or hardware project plan/ process is reported. The project making process efficacy predictions or prophecy are made and proposal are dynamically reported suggesting the project development that should be execute successfully to best observe with the software or hardware project plan. The was developed as per the knowledge-base planning model to permit or allow the manager to keep eye on the project planning components. PTS(project tracking system), with the assistance of a project planning agent, reports problems and suggests problem solutions to the manager. PTS helps managers assure that a project is within your estimated cost, on time and to customer satisfaction.

## 3. Proposed Work

Our project topic is Project Tracking System in which we can handle the work load of final year main project in efficient way and also in manageable way for documentation. It is system that manage all the documents of a final year project from start to end of the project.

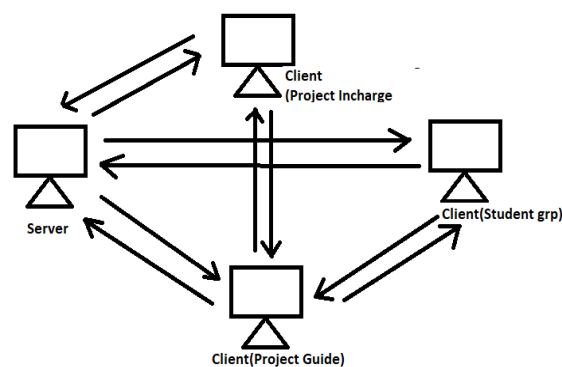


Fig 1 System Architecture

## 4. Implementation

Our project is divided in to 4 modules:

- 1) ADMIN LOGIN
- 2) PROJECT INCHARGE
- 3) PROJECT GUID

#### 4) STUDENT GROUPS

In which system the first and main login or we can say that attribute is Admin. Admin is person who can first login into the system and set is password and id. And then he assigns project incharge, project guide, and assign the students group. Admin can see the overall status of the project.

The second most important login is incharge login. After assign the project incharge by the admin, then that person will login in system as project incharge. Project incharge is then assign the project guide for the student groups. Project incharge receive the project report from project guide, and he or she check the project report and if there is some mistake or any feedback for the project guide then he/she send feedback to the project guide. Also project incharge can see the overall process or we can say that status of project report of every single student group that login into the system. And according to that he/she gives the marks to the student groups.

Then the third login is the project guide login. project guide is firstly login into the system. The project guide is receiving the project report from the student groups. Check that project report and if there is some mistake or any other changes so the project guide send feedback to the student groups if there are no such changes in the project report so then project guide send the project report to project incharge. The project guide Project Tracking system is also can see the overall process or status of a student groups and according to that give marks.

Last login portal in the project tracking system or we can say that last main attribute in the system is the student groups login. The student groups send the report to the project guide and also receive the feedback from the project guide. The main task for the student groups is upload the project report documents before the deadline end. If student group is not upload the project report on time, so that student group cannot upload that particular documents again in the system, without discussing with project incharge. Student group can see their work status.

#### 5. Future Scope

- This project provide accuracy in report generation
- It is a perfect and efficient tool for project tracking.
- Provide user friendly environment and cost effective
- Well featured system that helps in increase efficiency in Project tracking.

#### 6. CONCLUSION

This software is crucial tool in project tracking, thus every colleges can use this software for better way to storing the project reports and tracking.

#### REFERENCES

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