

**TATYASAHEB KORE INSTITUTE OF ENGINEERING AND
TECHNOLOGY, WARANANAGAR**
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



**A DOMAIN SPECIFIC MINI PROJECT SYNOPSIS REPORT
ON**

“Academic Project Management System”

Submitted by
GROUP NAME: TE A10

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Students of Third Year Computer Science & Engineering.

Under the Guidance Of

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TECHNICAL KEYWORDS:-

- Project management, Project monitoring, Project modules, Database.

RELEVANT OBJECTIVES:-

- Reduces the extra time and efforts required to manage and monitor projects.
- Helpful to control, manage and monitor the project.
- Provides a good interface which is easy to understand.
- Reduction in manual work.
- Up-to-date status reporting, ease of use, backup.

PROBLEM STATEMENT:-

Managing and controlling the projects of students using manual or traditional process is a very tedious job. The main aim of this project is to create an automated system for managing all the activities of projects. Project management system is a system for managing, controlling, monitoring the projects of students. It is a web based portal or application which is useful for students, project coordinator and project guide

REQUIREMENT ANALYSIS:-

- **SOFTWARE REQUIREMENT:-**
 - a. Windows Operating System
 - b. PHP
 - c. My SQL Database
- **HARDWARE REQUIREMENT:-**
 - a. Processor: Intel Core i5
 - b. RAM: 4GB or more
 - c. Hard disk: 16 GB or more

LAYOUT OF SYSTEM ARCHITECTURE:-

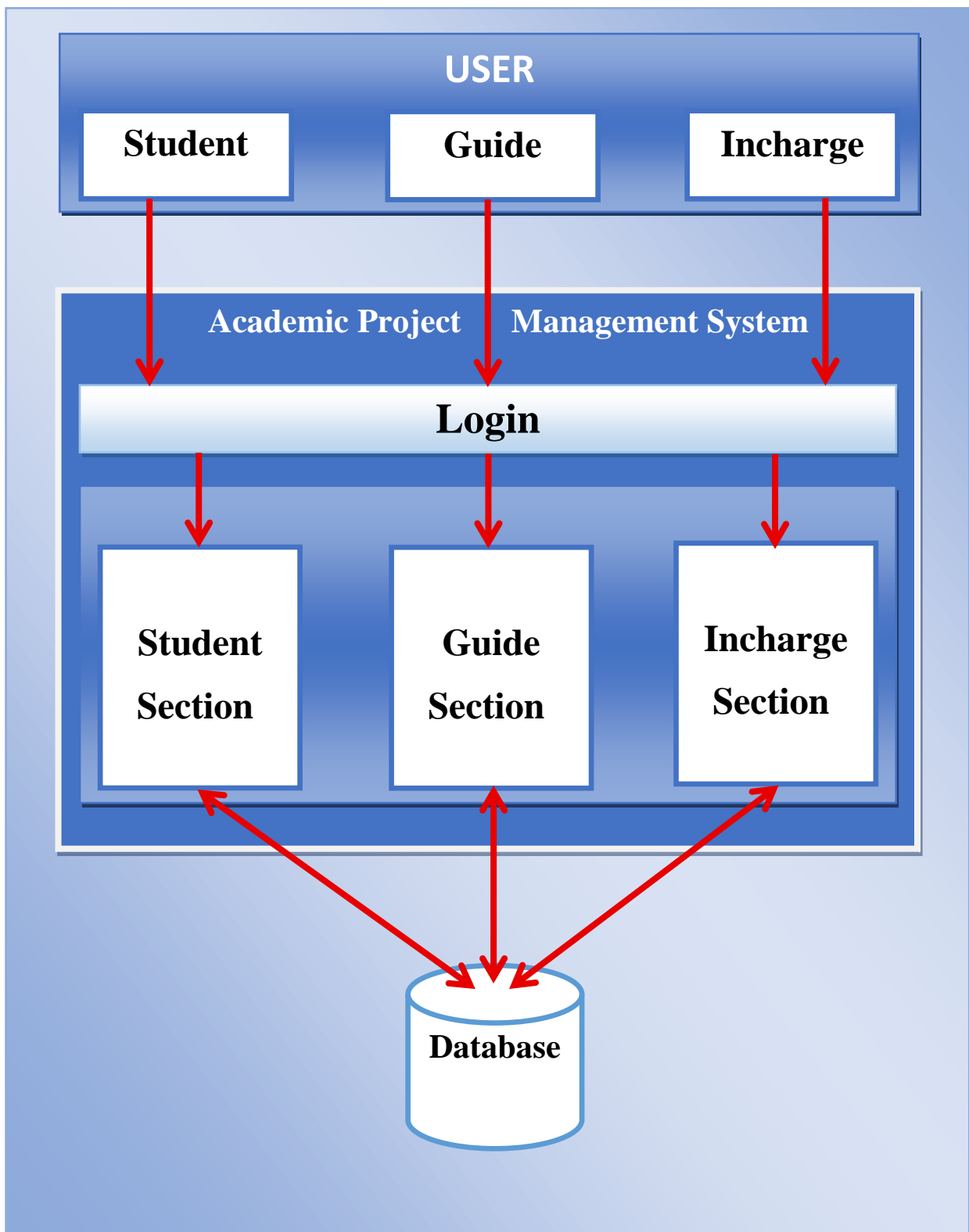


Figure:: System Architecture

STRATEGY PLAN ASSOCIATED WITH PROJECT:-

| Work Task | Description | Duration |
|--|----------------------------------|--------------------|
| Domain Knowledge Problem Definition | Paper Title: Authors: | 15 Days |
| Requirement Analysis | | 15 Days |
| Design, Planning | Data Flow Diagram , UML diagrams | 10 Days |
| Implementation | 4 Modules | 37 Days(4 Modules) |
| Module 1 | Sender Authentication | 10 Days |
| Module 2 | Receiver Authentication | 9 Days |
| Module 3 | Data Encryption | 9 Days |
| Module 4 | Data Decryption | 9 Days |
| System Testing | Unit Test, Test Cases | 3 Days |
| Initial Report | Any Format | 5 Days |
| Final Report | Using Latex (Texmaker) | 5 Days |

OUTCOME:-

Academic Project Management System (APMS) is a very effective application which can be used to a great extent. APMS have many advantages over the traditional system. Some of these advantages are centralized data, up-to-date status reporting, ease of use, backups etc. The use of this application reduces the extra time and efforts required to manage and monitor the projects in colleges. It also provides a good interface which is easy to understand by the users and helps in adapting to the use of this web application.

DSMP Guide

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