

Tribhuvan University

Mid Defense

P r e s e n t a t i o n

DIGITAL ASSIGNMENT
MANAGEMENT SYSTEM

Team Introduction



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Introduction

Digital Assignment Management System is a web based platform where there are three modules : Admin, Teacher and Student. Here, all three modules have different functions to perform i.e. Admin who has access to the admin panel tasks such as : assigning teachers, adding students and many more whereas Teacher has access to creating assignments to students, viewing submitted tasks, etc and Student has access to viewing assigned assignments , uploading assignments and more.



Statement of Problem



The traditional way of managing assignments has following limitations:

- Increased Paper Work
- Less Secure
- Time Consuming
- Less Availability and Accessibility
- Security

Objective

- To avoid an excessive paper work.
- To track student's activities of submitted and not submitted assignments
- To make assignments available and accessible at any time.
- To manage assignments more efficiently.
- To enhance student engagement.
- To improve grading accuracy.

Scope and Limitations



Scope

- Educational Institutions are shifting into online platforms
- Task Efficiency
- Cost Efficiency
- Security

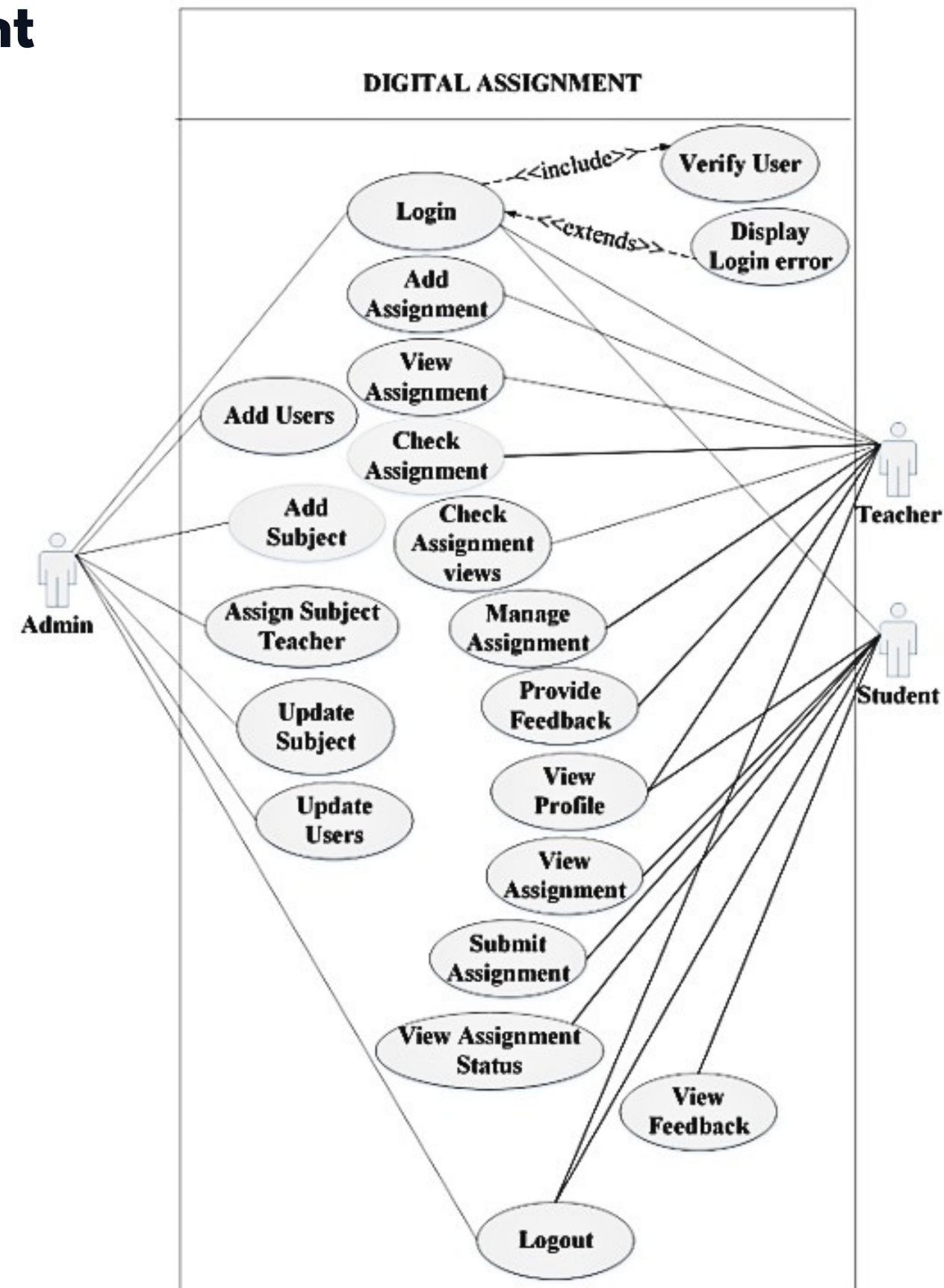


Limitations

- Not applicable for larger organizations
- Only focus on assignments related activity and not on other students activities.
- Cannot be used to track records for internal marks

Requirement Analysis

- Functional Requirement





Requirement Analysis

- **Non-Functional Requirement**

- **Usability**
- **Maintenance**
- **Extendable and Scalability**
- **Availability and Accessibility**
- **Secure**



Feasebility Analysis

- **Economic Feasibility**
- **Technical Feasibility**
- **Operational Feasibility**
- **Schedule Feasibility**

Feasibility Analysis

- **Schedule Analysis**

Activities	22 th Jan	3 th Feb	5 th Feb	15 th Feb	27 th Mar	31 st Mar
Working						
Planning						
Design						
Coding						
Testing						
Documentation						

Fig: Gantt Chart

Process Modeling

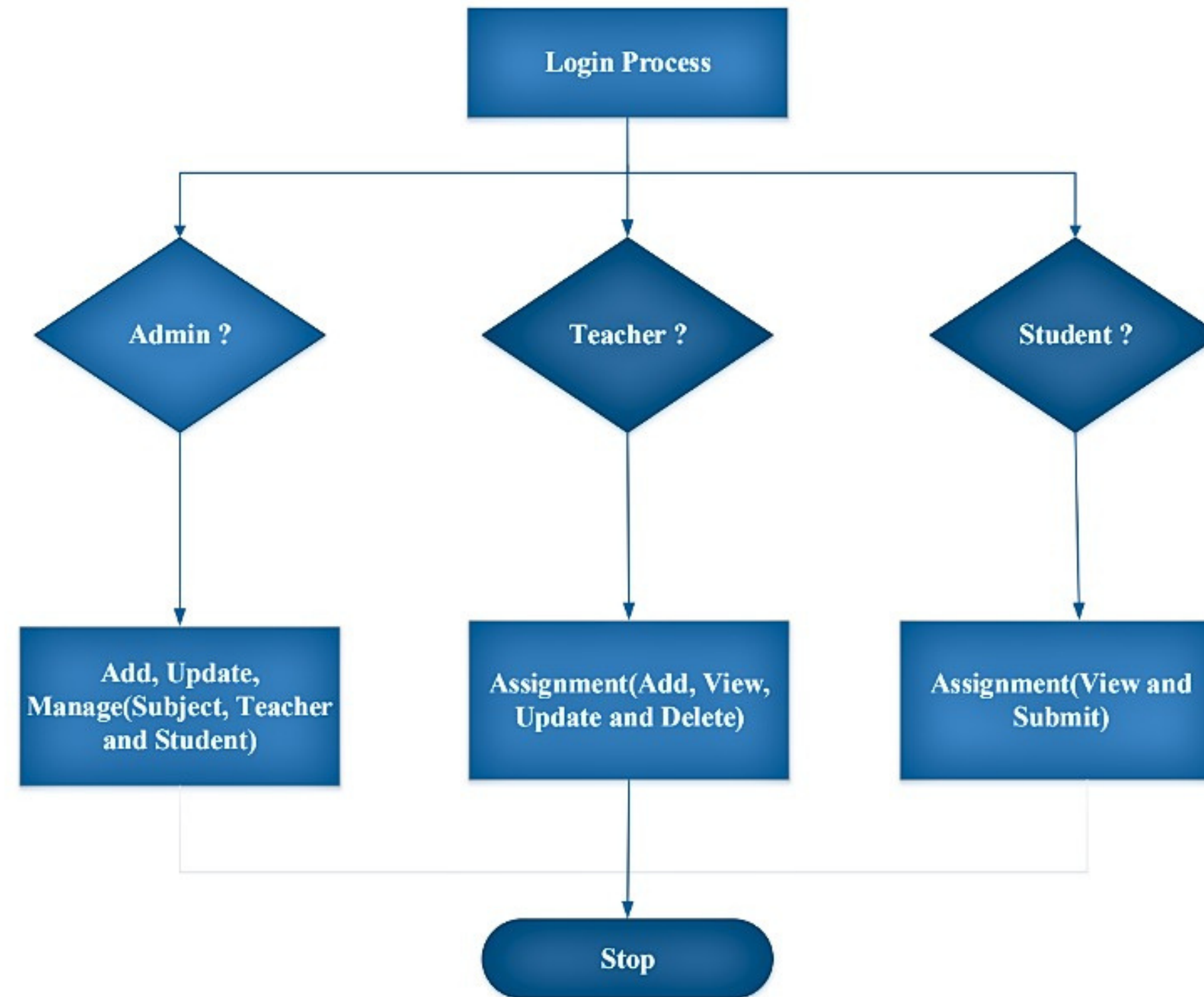


Fig: System Flow Diagram

System Design

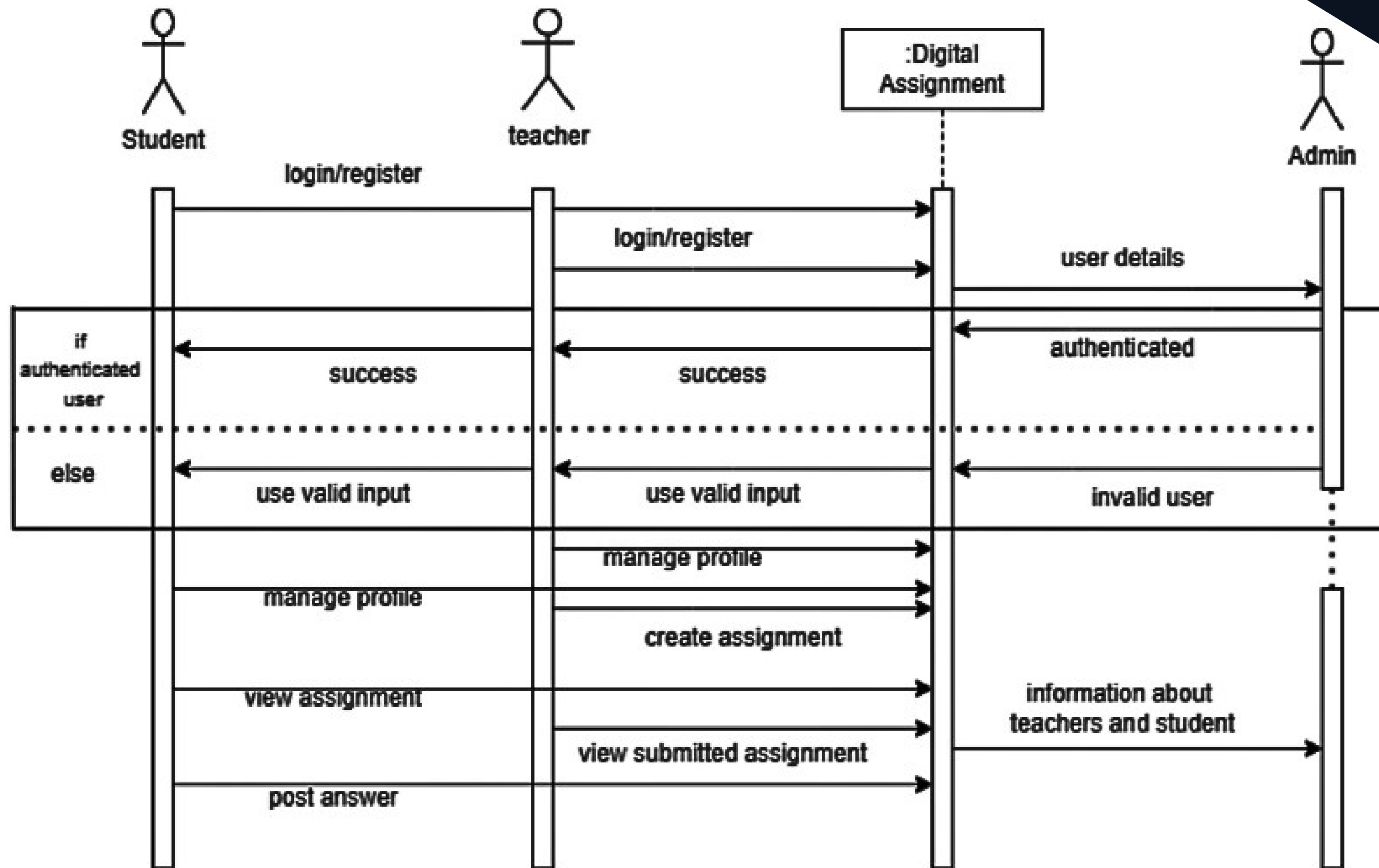


Fig: Sequence Diagram

Algorithm Description

A tracking algorithm is a type of algorithm that is used to monitor and analyze the movement or behavior of objects or entities. In the context of our website, the tracking algorithm we discussed is used to monitor which students have viewed a particular assignment.

Tracking Algorithm

The Assignment View Tracking Algorithm is a tracking algorithm implemented in the online platform that allows teachers to monitor which students have viewed a particular assignment which can be useful for tracking timestamp and generating reports

Assignment View Tracking Algorithm

Tools Used

- **Visual Studio Code**
- **Hypertext Mark-up Language(HTML)**
- **MySQL**
- **PHP**
- **XAMPP**

Conclusion

The problems identified with the existing systems were solved well in line with our objective. Our system had reduced paperwork and was also safe from file loss and unauthorized access. By using this system both teacher and student can do their respective activities efficiently.

Using this system, the educational organizations will be able to save their time and effort to handle the student's assignments.



Thank You!