

Technisium 2K24

Synopsis format

Team member's details:

Role	Name	USN (College Reg no.)	College Name	Email id	Phone no.
Team Leader					
Team Member 1					
Team Member 2					
Team Member 3					

Student Result Management System

Abstract

The impact of computers and internet, on our lives today is probably much more than we really know. Getting information and quickly turning it into a product that consumers want is the essential key to staying in business and all of this is done nowadays using computers and applications or information systems. It has brought evolution in almost every field, it changed the ways of teaching, administration of activities such as e-learning, e-library and online portals where teachers and students communicate, and sharing of information has never been better. Student result declaration and management are amongst the most important activities within a university or any educational institution, since all other activities depend on it. Hence implementing an information system can be declared a significance result.

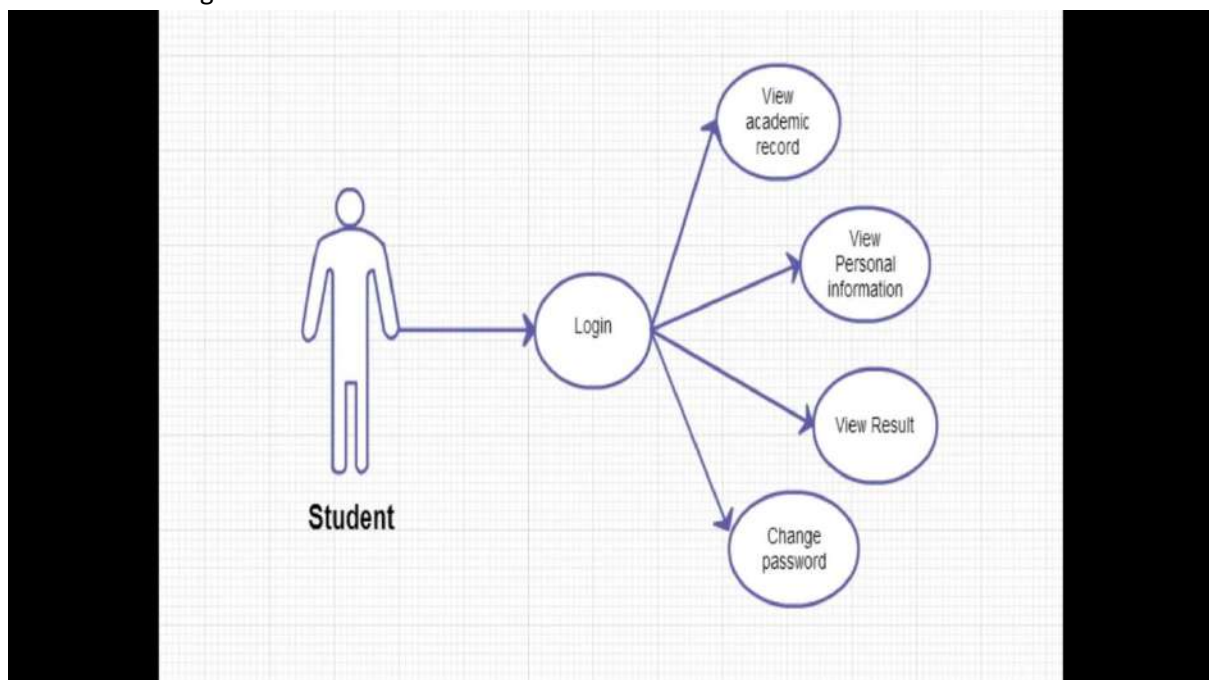
The main objective of this research is to enhance and automate the management and declaration of students' results using a computerized system.

Problem description

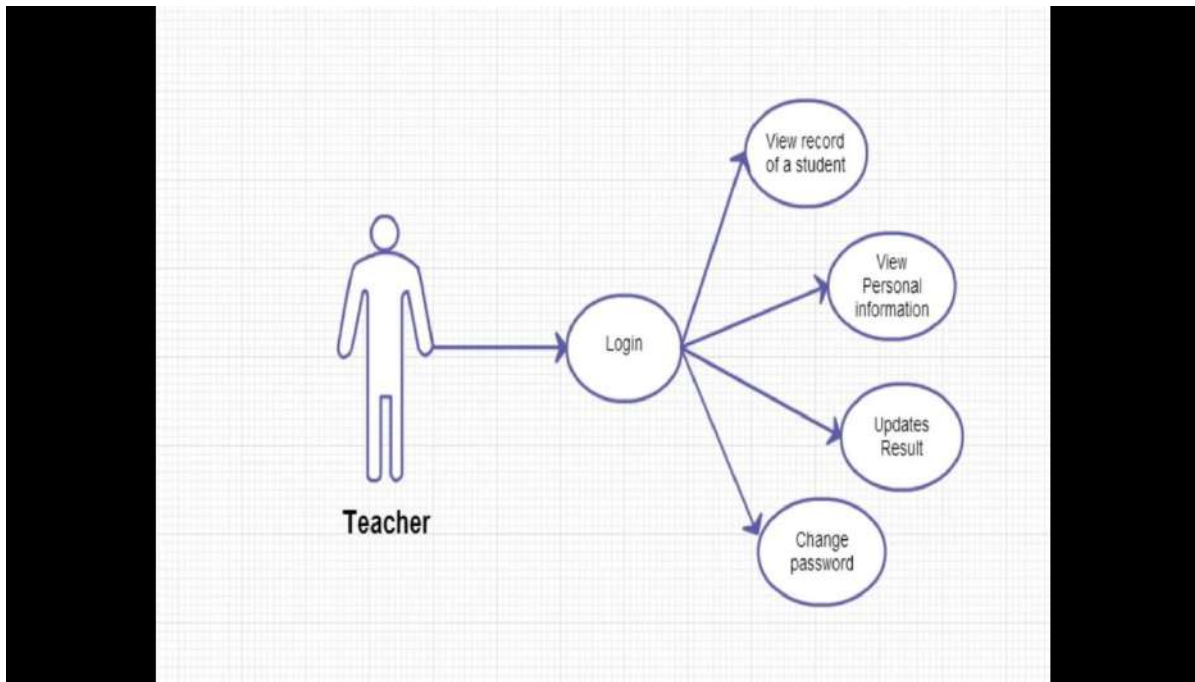
Currently, the process of declaring and managing the students' results is performed manually with extensive human intervention. The students' results are generated through a spreadsheet application and then printed on a paper, attached to a wall for declaration and then stored. Despite having an application that generates the result, it is not very effective as the system consumes a lot of time and human resources in performing various tasks, it is costly, it lacks data security and efficiency. And at present, the institution needs an advanced and computerized environment. And once implemented, it will minimize all the problems mentioned.

System Overview

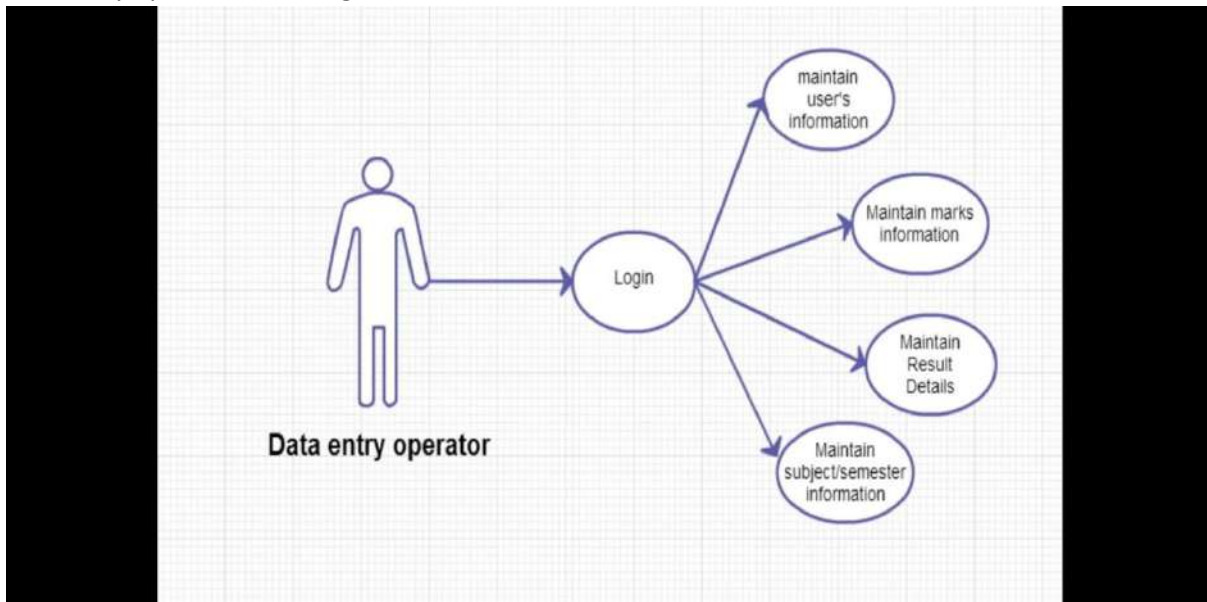
Student case diagram:



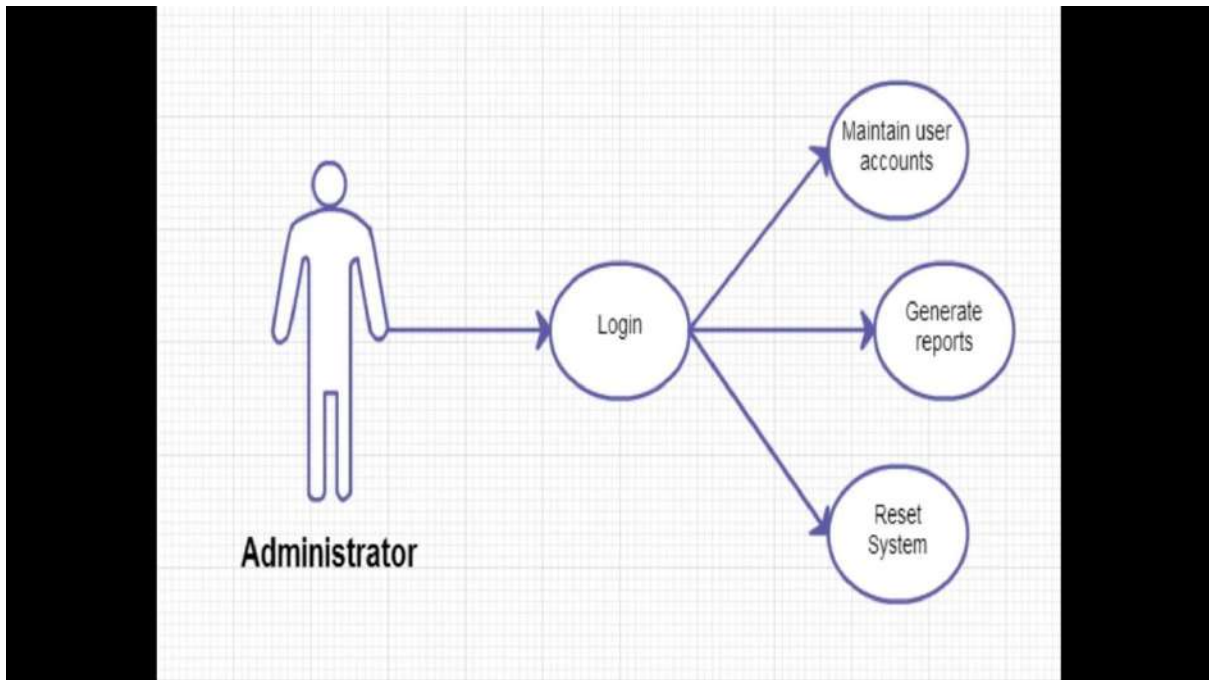
Teacher case diagram:



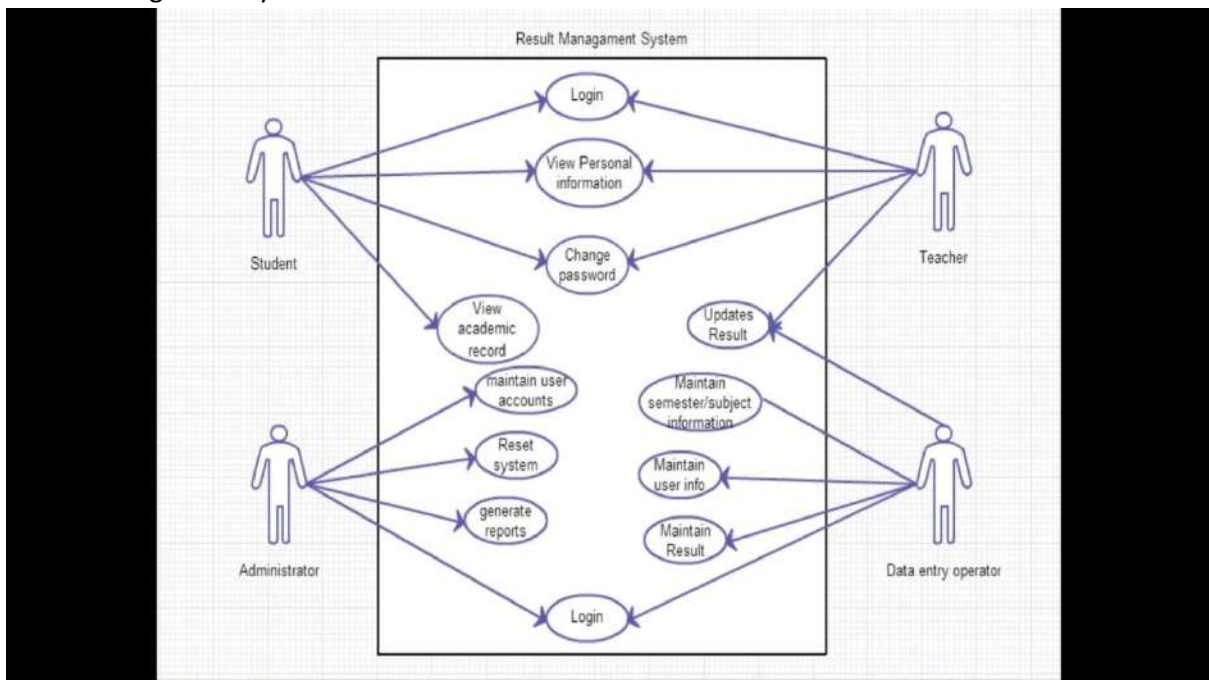
Data entry operator case diagram:



Administrator case diagram:



Result management system



Applications

Advantage of Student Result Management System

For Administration:

With student result management system, teachers, professors, and staff can create result analysis reports.

Gradebook Management.

Exam Timetable Management.

Records marks and result on a single database.

Add & manage students and Declare Results.

Allot seat to students in exam halls.

Integrate-able with fee management.

Create exams and tests online.

Present a solitary stage to deal with the preparation of all examination records inside the organization.

Generate printouts of examination and test reports instantly.

Send/ publish results to parents and students online.

Record and search details of every exam/test, student wise/course wise.

Admit Card/ Hall Ticket Generation.

Calculate scores, percentages and grades.

For Students:

Download report of the results in PDF format.

View results of tests and exams online.

Search test and exam scores with valid Roll number/ ID.

View Semester Results for all Subjects from anywhere using smart devices.

Request for re-evaluation.