

# EDUCATIONAL INSTITUTION

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## ➤ Interview Questions: -

- 1- What type of business do you want.
- 2- What goals you're expected?
- 3- What are the information and data.
- 4- Expected time to finish the project.
- 5- What are the courses do you want to add.
- 6- Describe the desired UI.
- 7- What are the Working hours and salary of the employees?
- 8- How should we communicate.
- 9- What is the expected budget.
- 10- What level of security/encryption.
- 11- Level of complexity.
- 12- Expected trafficking (Number of users at the same time).
- 13- How Updates and feedbacks from customer should be done.

## ➤ Functional requirements:

- 1- It contains a home page.
- 2- Sign up/in for student/employees with email and password.
- 3- Available list of courses for students.
- 4- Displays the salary for employees.
- 5- Displays semester fees for student.
- 6- Semester schedule for student and professors(employees).
- 7- Communications between students and professors.

- 8- Uploading materials for students by professors.

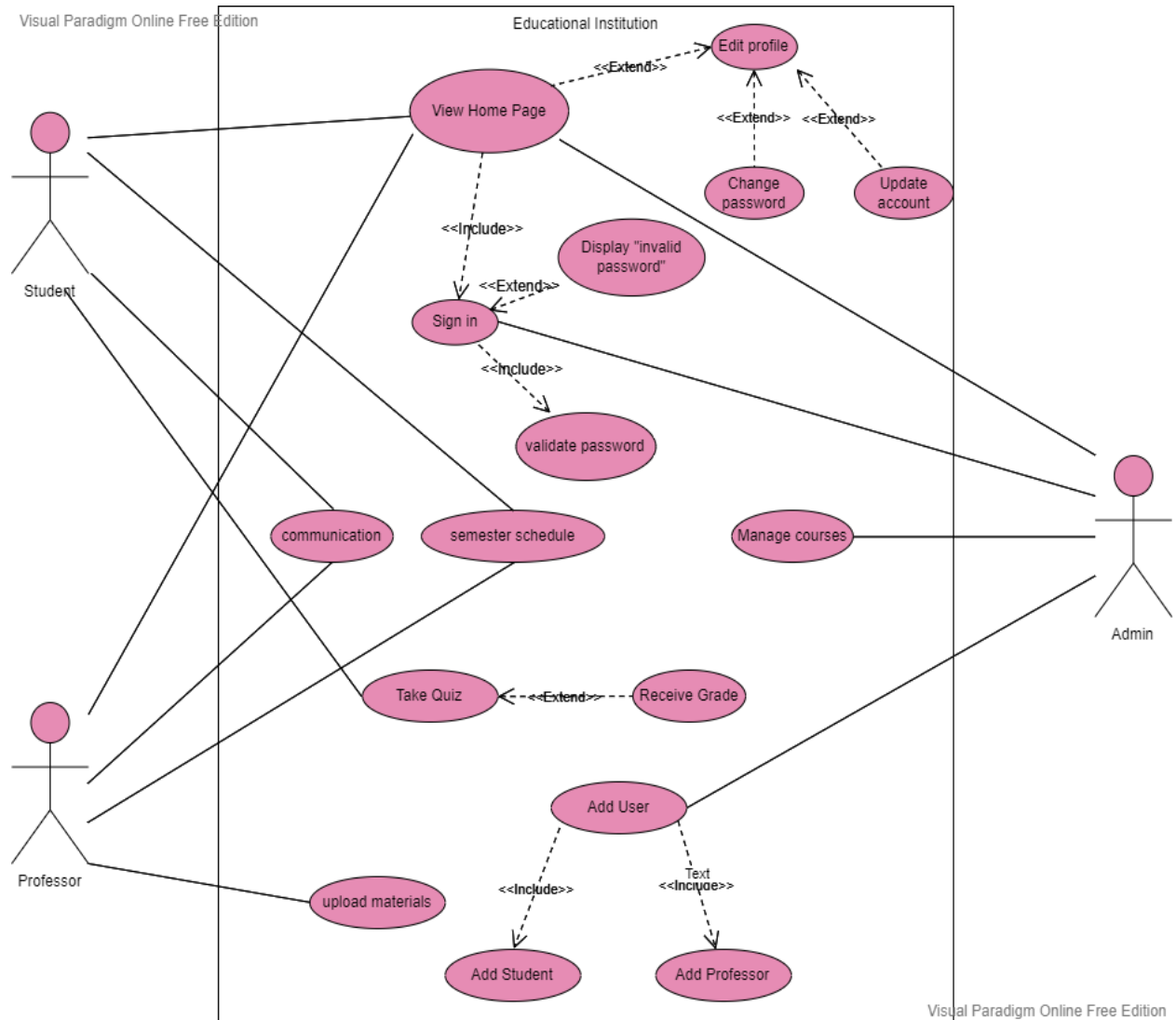
## ➤ Non-Functional requirements:

- 1- Performance: Response time for uploading materials and chats.
- 2- Reliability: percentage of the system running without failure.
- 3- Security: encryption for grade and for personal information.
- 4- Platform compatibility (works on all devices).
- 5- Scalability: adding or removing number of courses or materials.

## ➤ Model: Waterfall

- Because the requirements are fixed/ stable, detailed
- The system is simple
- The cost is reasonable
- Critical System

## ➤ Use-case diagram:



➤ Sequence diagram:

