

GROUP 2 - JAVA TECH BATCH

MINI PROJECT - SYNOPSIS

Team Members

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Mentor

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1. Title

“Employee Learning Management System”

2. Introduction

For the growth of the organisation and for project needs employees need to gain knowledge of various new technologies. Learning new technologies while working from home and for managers to keep track of employees status is a challenge. We aim to create a management system which will help employees to learn new technologies and manager can track the employee progress.

Project Benefits:

1. Easy for a manager to track employee performance and status of course completion.
2. Easy access for employees to access and learn various courses.

3. Problem Statement

Employees need to take courses to enhance their skills and to learn new technologies relevant to the project and managers need to track the progress of the employee.

4. Objective

To create an interface for employees to learn various technical and non-technical skills, trainers to train employees, and managers to manage employees' active/in-progress registered courses.

5. Intended Users

- Employee/Learner
- Trainer
- Manager

6. Proposed System

We're building an application that facilitates employees in their learning journey in a corporate environment. The platform helps employees with registering courses, tracking learning progress such that employees can check all courses they attended with status and marks, seeing new course offerings, etc. The platform also helps a manager to approve employee course registration requests. Furthermore, the platform will help a manager to manage their course offerings, course schedules, feedback from employees, and so on.

7. Hardware Requirements

- A PC running a Windows 10 operating system

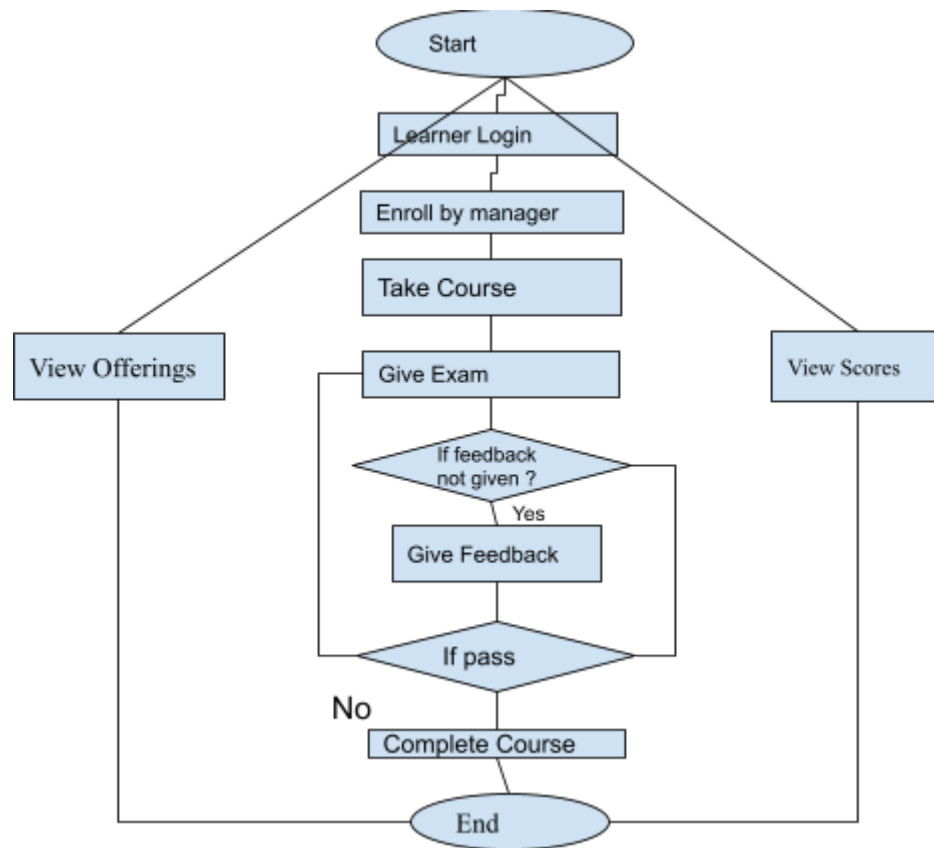
8. Software Requirements

- Git 2.32.0+
- Java SDK 1.8
- MySQL 8
- Maven 3.8.1+
- Spring Tool Suite 4.11.0+

9. User-end System Requirements

- IE-based (IE 8+) or Chromium-based (Version 65+) browser

10. Process Flow



11. Conclusion

This management system will be a great platform for organizations to train employees and track their progress along with.

Limitations:

1. Absence of an inbuilt test platform, to test employees' learning.
2. Absence of an attendance system, to track employees' attendance on a course.

Future Enhancements:

1. Trainer and learner chat functionality
2. Live video interaction functionality
3. Notification feature to notify manager and employee when employee registers and manager approves course respectively.