

Company(Flexibility Cloud Services) Employee LMS

Member-1

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Member-2

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Technologies Used

- **Frontend:** Angular
- **Backend:** Node.js with Express.js
- **Database:** MongoDB
- **Authentication:** JWT-based Role Authentication
- **Styling & UI:** Angular Material, SCSS
- **API Testing:** Postman
- **ORM:** Mongoose

Project Overview

This full-stack web application is designed to streamline operations between **companies (admin role)** and **trainers (user role)**. It provides intelligent automation for business functions such as invoice generation, salary calculations, and real-time financial insights through dedicated dashboards.

Admin (Company) Features

The **Company Dashboard** offers full control and visibility over business operations.

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Key Features:

- **Login as Company (Admin Role)**
- **Dashboard:** Overview of company financials and operations.
- **Purchase Order Form:**
 - Submitting a purchase order automatically triggers:
 - Company invoice generation
 - Employee salary computation
 - Salary slip creation
 - Trainer invoice generation
 - Profit and expenditure summary updates
- **Employee Management:**
 - Add, view, and manage employee records.
 - View and generate individual salary slips.
- **Invoice Centre:**
 - Track and download company-wide or individual invoices.
- **Profit & Expenditure:**
 - Real-time calculation of business profitability.
 - Breakdown of all expenditures related to trainers, operations, etc.

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← ↻ ⓘ localhost:4200/login

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Sign in to your account


Email address

Password

Login

Not a member? [Create an account](#)

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Dashboard

Purchase Order

Invoices

Employee Salary

Flexibility Cloud Services

Logout

Finance Dashboard

Budget

\$401,700.00

Revenue

\$66,720,000.00

Salaries Paid

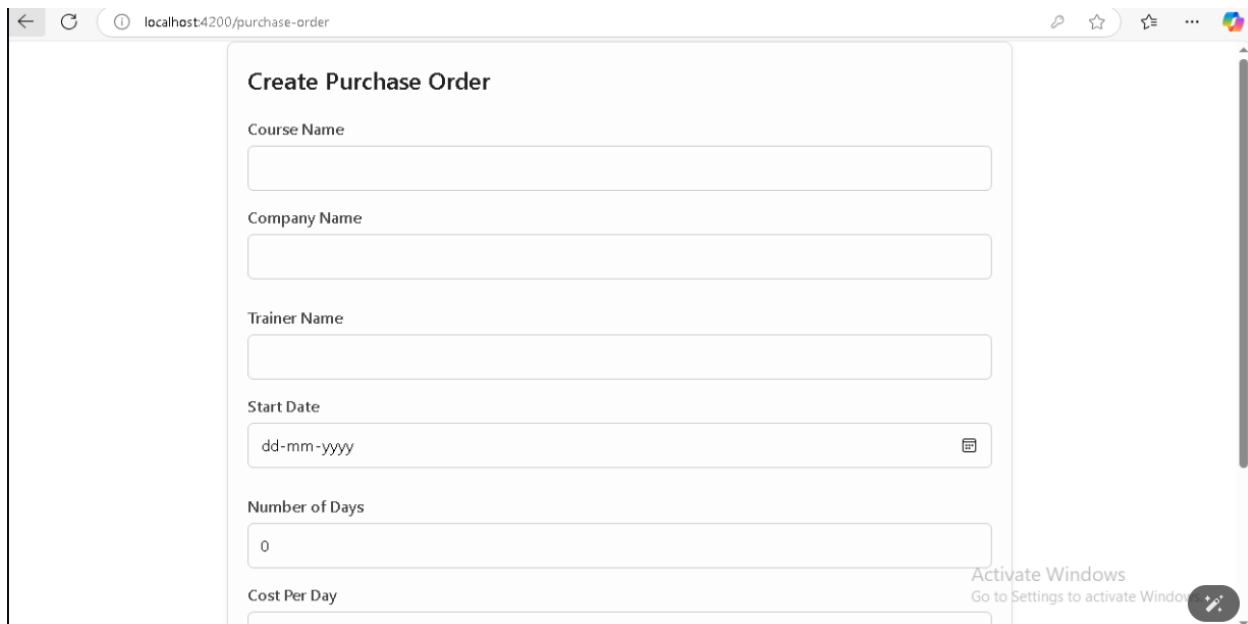
\$133,200.00

Profit

\$66,586,800.00

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A screenshot of a web browser showing a form titled "Create Purchase Order". The form is located at the URL "localhost:4200/purchase-order". It contains several input fields: "Course Name", "Company Name", "Trainer Name", "Start Date" (with a date picker icon), "Number of Days", and "Cost Per Day". The browser's address bar shows "localhost:4200/purchase-order".

Create Purchase Order

Course Name

Company Name

Trainer Name

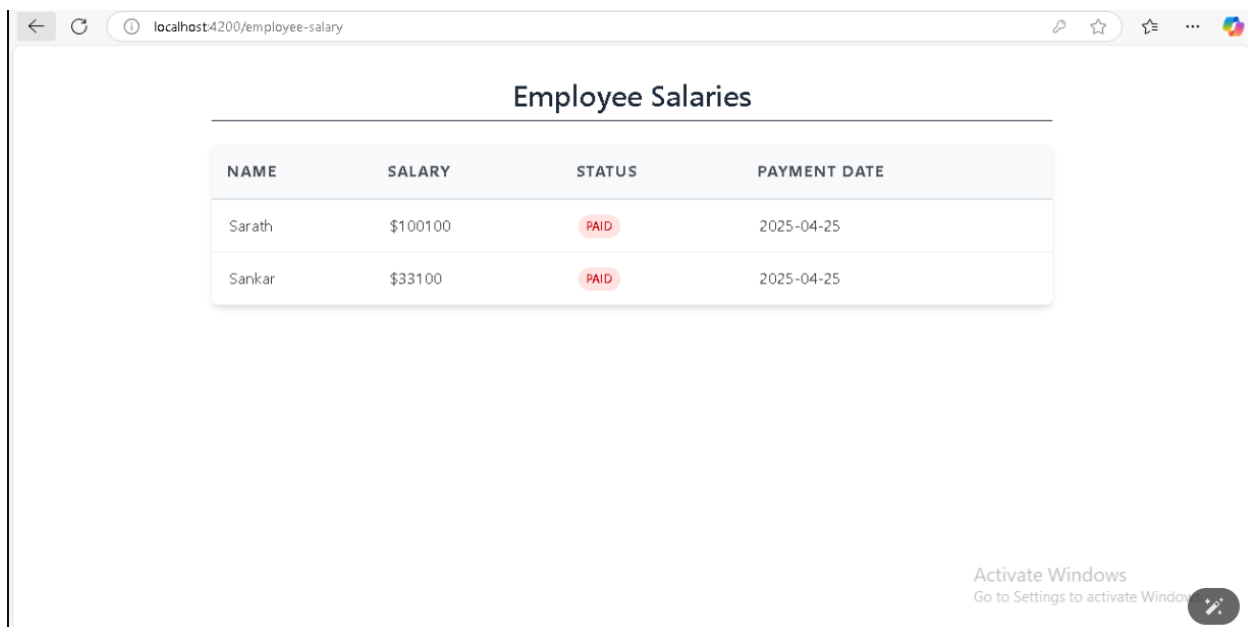
Start Date

dd-mm-yyyy

Number of Days

0

Cost Per Day



A screenshot of a web browser showing a table titled "Employee Salaries". The table is located at the URL "localhost:4200/employee-salary". It has four columns: "NAME", "SALARY", "STATUS", and "PAYMENT DATE". There are two rows of data: one for "Sarath" with a salary of "\$100100" and status "PAID", and one for "Sankar" with a salary of "\$33100" and status "PAID". The browser's address bar shows "localhost:4200/employee-salary".

Employee Salaries

NAME	SALARY	STATUS	PAYMENT DATE
Sarath	\$100100	PAID	2025-04-25
Sankar	\$33100	PAID	2025-04-25

User (Trainer) Features

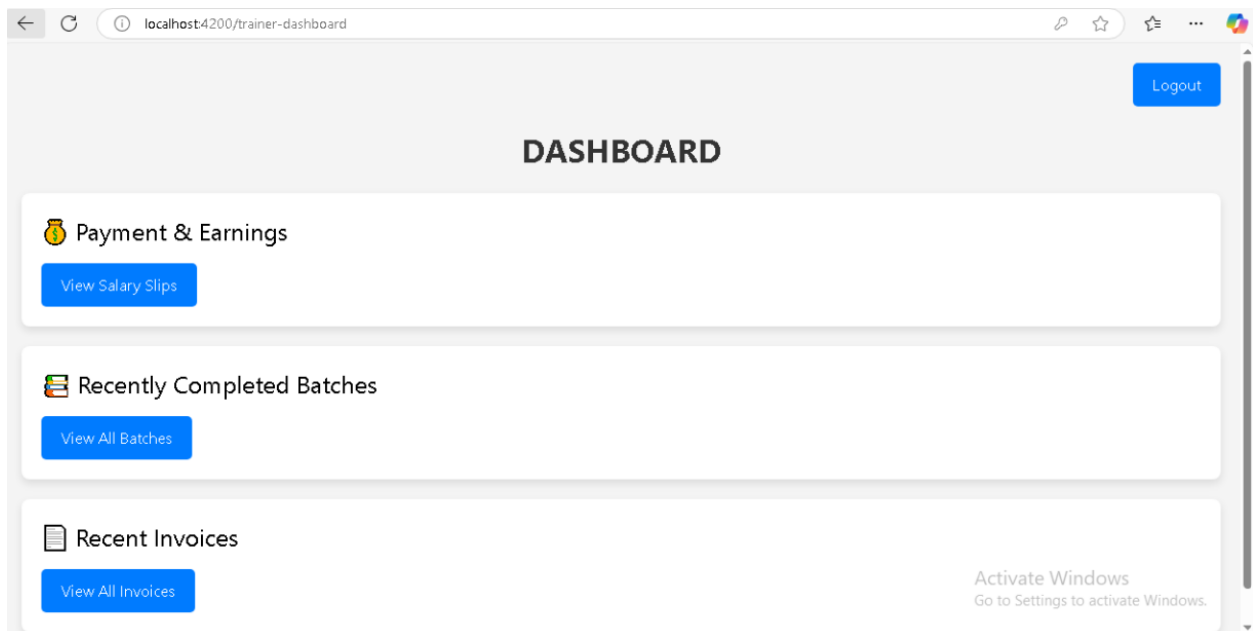
Trainers have access to their own dashboards showing personalized data and actionable insights.

Key Features:

- **Login as Trainer (User Role)**
- **Trainer Dashboard:**

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- View allocated tasks, session records, and invoice summaries.
- **Salary & Invoices:**
 - Access monthly salary slips and personal invoice history.
- **Activity Logs:**
 - View historical interaction records with companies or sessions.



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Salary Slips

Name	Trainer Cost	Generated Date
Sarath	₹1000	4/25/25, 6:05 PM
Sarath	₹14000	4/25/25, 10:45 AM
Sarath	₹1000	4/25/25, 10:46 AM
Sarath	₹18000	4/25/25, 3:11 PM

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All Batches

Search by trainer name

Ongoing Batches

MEAN
Batch #: BATCH-1745558140210-100
Trainer: Sarath
Start Mar 17, 2025

.NET
Batch #: BATCH-1745558378804-907
Trainer: Sankar
Start Apr 4, 2025

JAVA
Batch #: BATCH-1745584545056-193
Trainer: Sarath
Start Apr 25, 2025

Completed Batches

MERN
Batch #: BATCH-1745558186752-430
Trainer: Sarath
Start Mar 1, 2025

Testing
Batch #: BATCH-1745558333872-690
Trainer: Sankar
Start Mar 8, 2025

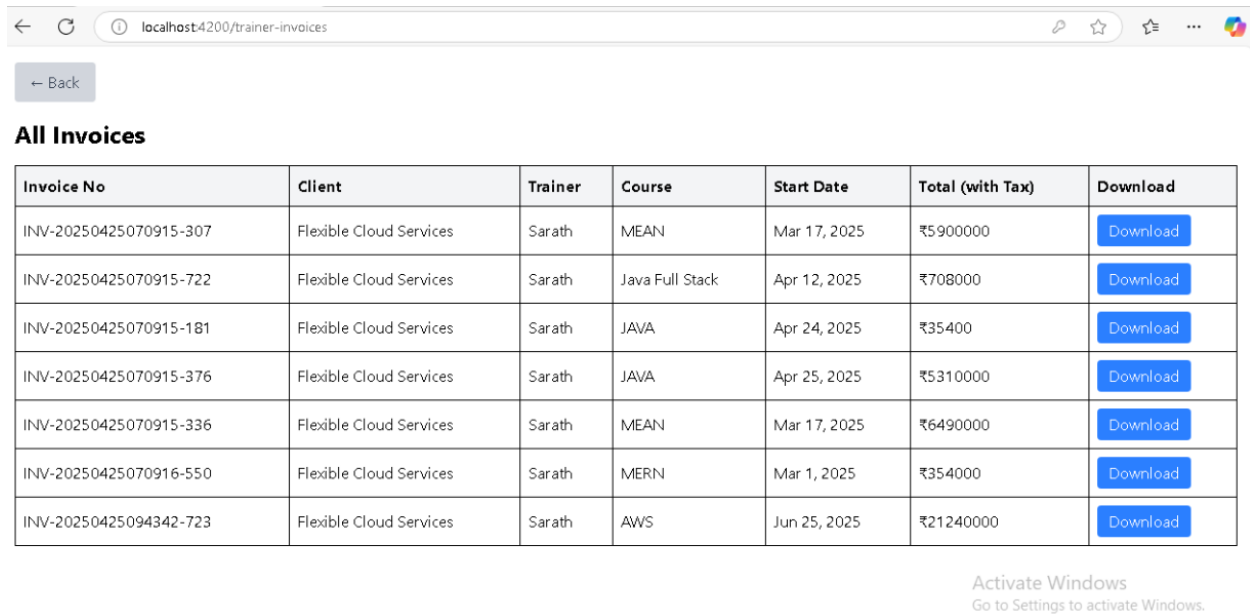
AutoBiography
Batch #: BATCH-1745562785894-180
Trainer: Sankar
Start Feb 1, 2025

Upcoming Batches

AWS
Batch #: BATCH-1745574071882-542
Trainer: Sarath
Start Jun 25, 2025

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Invoice No	Client	Trainer	Course	Start Date	Total (with Tax)	Download
INV-20250425070915-307	Flexible Cloud Services	Sarath	MEAN	Mar 17, 2025	₹5900000	Download
INV-20250425070915-722	Flexible Cloud Services	Sarath	Java Full Stack	Apr 12, 2025	₹708000	Download
INV-20250425070915-181	Flexible Cloud Services	Sarath	JAVA	Apr 24, 2025	₹35400	Download
INV-20250425070915-376	Flexible Cloud Services	Sarath	JAVA	Apr 25, 2025	₹5310000	Download
INV-20250425070915-336	Flexible Cloud Services	Sarath	MEAN	Mar 17, 2025	₹6490000	Download
INV-20250425070916-550	Flexible Cloud Services	Sarath	MERN	Mar 1, 2025	₹354000	Download
INV-20250425094342-723	Flexible Cloud Services	Sarath	AWS	Jun 25, 2025	₹21240000	Download

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Authentication & Role Management

- **JWT Authentication** secures login sessions
- **Role-based Access** for:
 - Company (Admin)
 - Trainer (User)
- Frontend guards and backend middleware ensure only authorized access to protected routes

Testing

- API endpoints tested with **Postman**
- Angular unit testing for components and services