

# README

## Role-Based Internal Platform for Targeted Content Delivery

Group 20

Jesus Calvo,  
Justin Gip  
Shane Guzman  
Samuel Mekonnen

---

December 5, 2025  
CS 3338-01 (94305)

## 1 Jira Project Link

Project management and tasks are tracked in Jira:

- Jira Board: <https://calstatela-cs3338-p6fsp1dk.atlassian.net/jira/software/projects/FN/boards/133>

## 2 Objective

The **Role-Based Internal Platform for Targeted Content Delivery** is an internal web application that:

- Delivers announcements, policies, and training materials to employees.
- Uses roles, departments, and other attributes to decide which user sees which content.
- Tracks views and acknowledgements for mandatory content.

## 3 Why This Software Matters

The Platform is designed to improve:

- **Productivity:** Users see a focused feed of content that is relevant to their role instead of generic email blasts.
- **Onboarding:** New employees can quickly find the required training and policies that are aimed at them.
- **Compliance:** Mandatory content can be tracked through acknowledgments and reports.

## 4 How to Access the Platform

For the purposes of this project, we assume the Platform is offered as a subscription-based internal product.

## Production-Like Scenario (Conceptual)

In a real deployment, an organization would:

- Purchase a subscription from the official product website.
- Receive secure access to a hosted web URL (e.g., `https://portal.company-name.com`).
- Log in using organization credentials to access the Platform.

## Course / Demo Setup

For this course project:

- The application runs locally using Docker or a local development server.
- The typical access URL is: `http://localhost:3000` (frontend) or as specified by the team.
- Test accounts (e.g., Employee, Manager, Admin) are documented in the project report or seeded in the database.

## 5 Basic Usage Overview

- **Employees** log in to view their personalized content feed and acknowledge mandatory items.
- **Managers** can additionally view completion summaries for their team.
- **Content Administrators** create and schedule content and define targeting rules.
- **System Administrators** manage users, roles, and high-level configuration.