

# Full-Stack Assessment Task

## Role and Policy-Based Access System

### Objective

Build a small web application that demonstrates secure login, role-based access control, and rule-based authorization for managing users and documents.

The system must clearly control **who can perform which actions and under what conditions**.

### Task Requirements

The application must:

1. Allow users to **log in and log out**.
2. Support **multiple user roles** with different access levels.
3. Allow authorized users to **create, view, and manage documents**.
4. Restrict access based on **both user role and predefined rules**.
5. Display **clear messages** when a user is not allowed to perform an action.

### Deliverables

The candidate must submit:

1. A **working application**.
2. A **public source code repository**.
3. **Setup and run instructions**.
4. At least **three sample user accounts** with different roles.
5. A short **written explanation** of how access rules are implemented.

### Time Limit

The task must be completed within **2 hours**.

# Evaluation Criteria

1. **Access Control**

Correct implementation of roles and rules.

2. **Security**

Proper handling of authentication and user data.

3. **System Structure**

Clear and maintainable project organization.

4. **Usability**

Simple and understandable interface.

## Important Rule

All access restrictions must be enforced by the **backend system**.

Hiding interface elements alone is **not sufficient**.