

Problem Statement 2: Secure File Submission Platform

Overview

Design a secure platform where users can upload project files that are stored privately in cloud storage.

Objective

Ensure uploaded files are private and accessible only via temporary secure links.

Key Requirements

- Cloud storage integration (Azure / S3)
- Private file access
- Temporary signed URLs (SAS / presigned URLs)

Deliverables

- File upload API
- Secure file access for organizers and judges
- No public file exposure

Ideal For Testing

- Cloud storage integration
- Security controls
- Access control logic