

Deliverables

User Requirements

- Must have a registration page for users to put in their information
- System must display posters/demos that a user is assigned to by the algorithm
- The user's judging session should be timed
- The system must have a registration and login page for the admin of an event
- The system must allow the administrator to set constraints for the session

System Requirements

- System must be able to distribute submissions evenly amongst users
- Only judges are authorized to judge submissions
- Submissions should be assigned to judges based on the submission category and the judge's background
- System must aggregate scores and take the highest average to declare the winner

Risk Analysis

1. System crashes due to too many submissions, this can be mitigated by functional and efficient functions/algorithms, as well as limiting requests to the server
2. Unauthorized users getting access to the system, this can be mitigated by creating secure and complex one-time login codes
3. Submissions not assigned to judges, this can be mitigated by creating a flexible assignment algorithm that doesn't allow the system to proceed without all submissions being assigned to user(s)