




Judging App



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What is our app?

- Session-based, using one-time access codes similar to Kahoot
- Two interfaces, for judges and administrators
- Administrators create sessions
- Judges sign into sessions and judge submissions

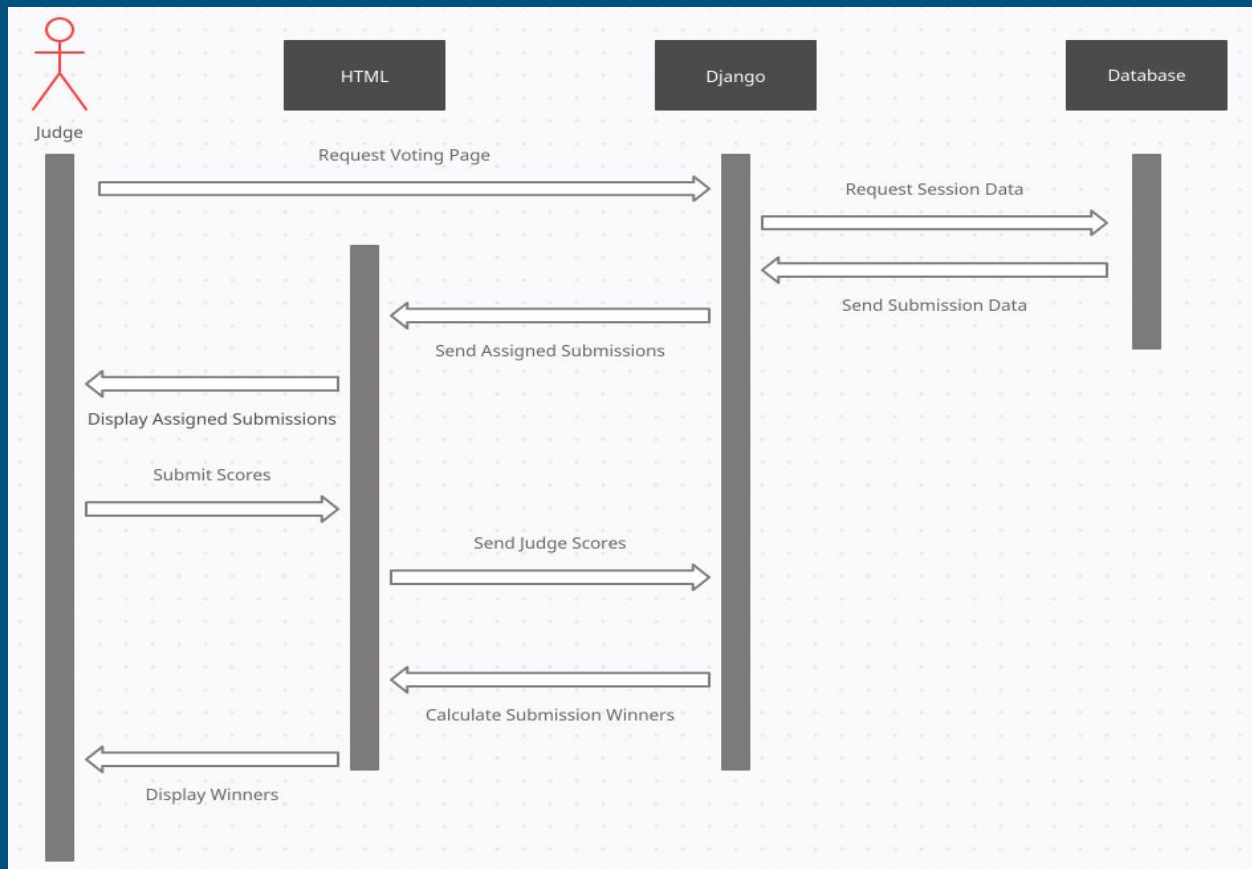
How It Works

- Sessions created by an administrator
- Judge request voting page to Django
- Django request session in database
- database send submission Database back to Django
- Django send assigned submissions to HTML

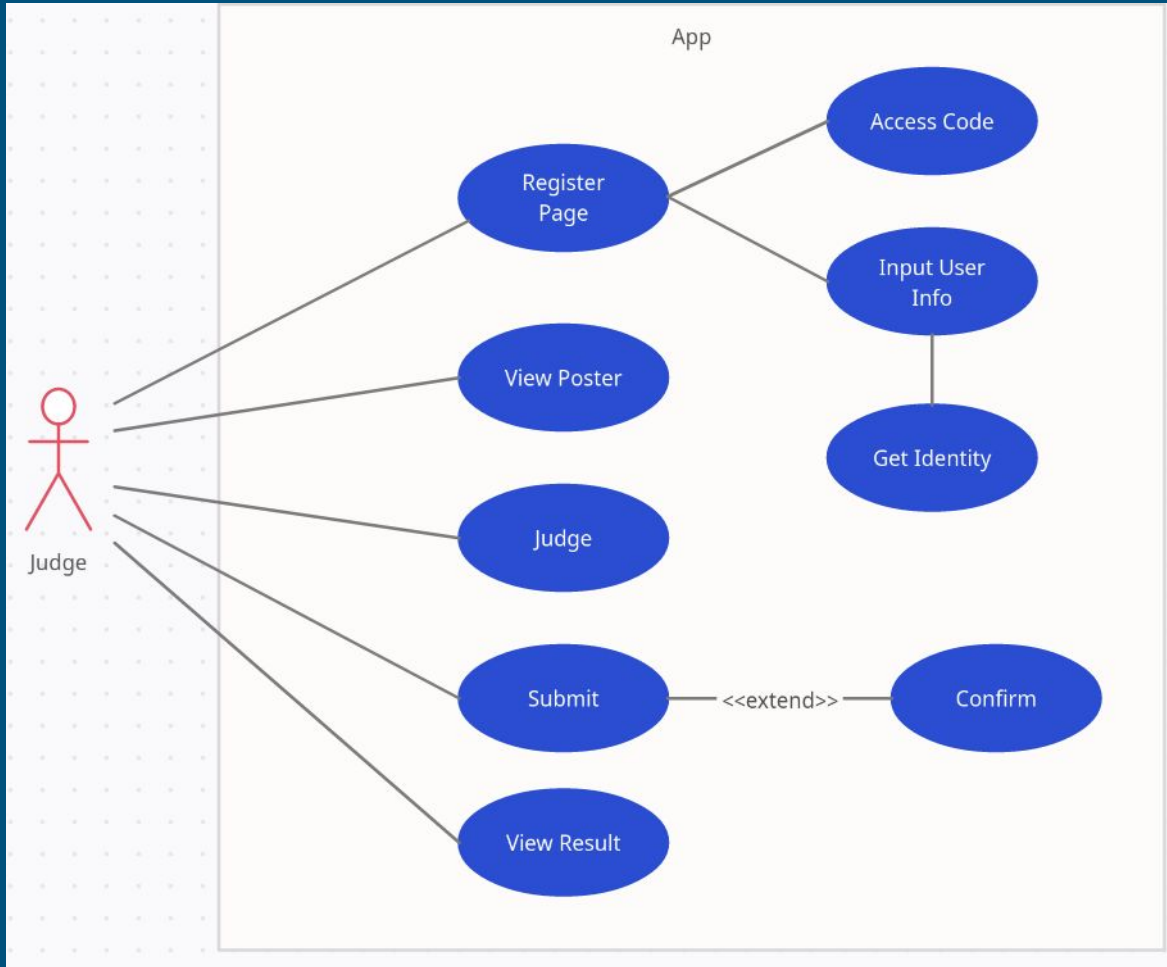
How It Works

- HTML display the voting page to Judge
- Judge select and submit their choice
- HTML send Judge Scores to Django
- Django calculate the submission winner/ create a report to HTML
- HTML display the winners for Judge

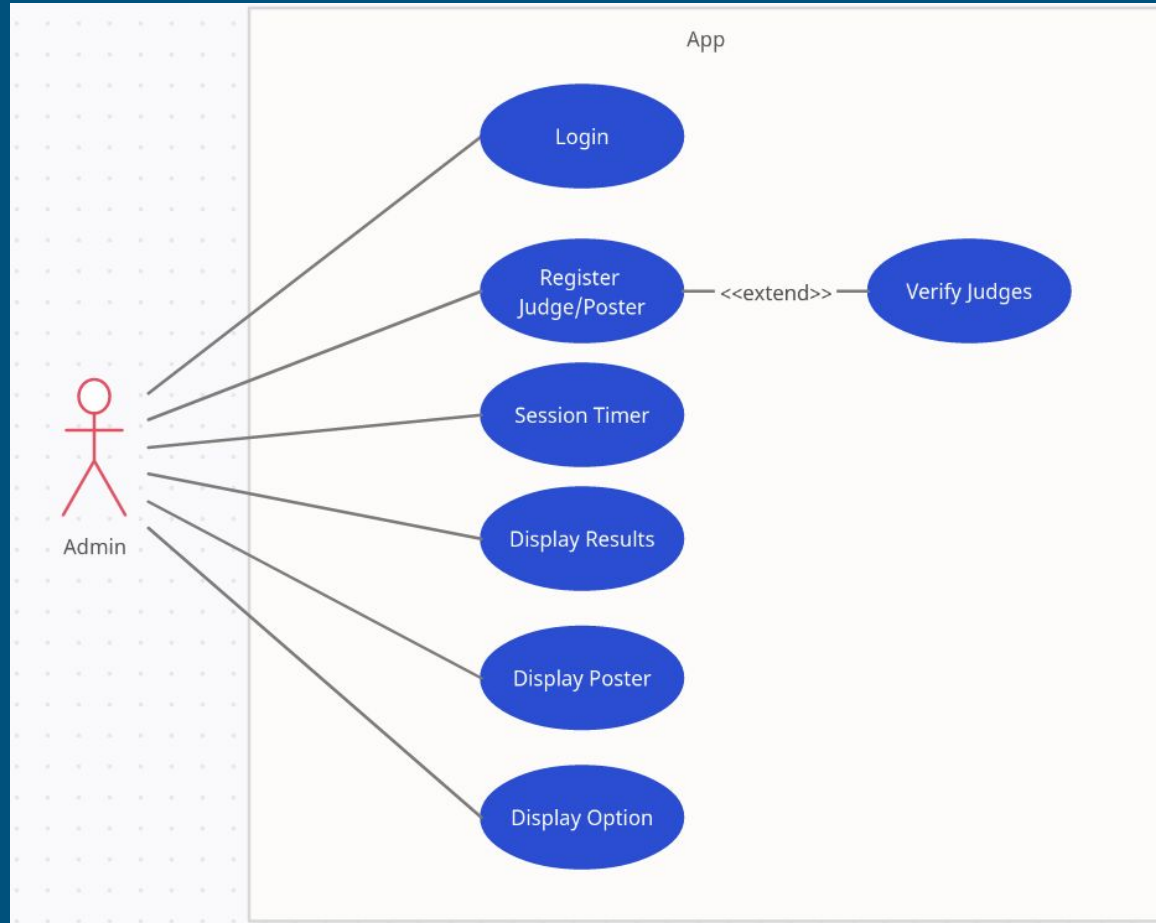
Sequence



Judge Use Case



Admin Use Case



Test Case 1

Test Case 1: Session Code

Input:

1. Unique 8 character alphanumeric string that represents the session id

Tests:

1. Test for strings that are too long or too short
2. Test for strings that are incorrect, don't correspond to any session
3. Test for strings that correspond to expired sessions
4. Test for strings that contain special characters

Output:

1. Judge is logged into session or error message stating that the session code is invalid

Test Case 2

Test Case 2: Submit Scores

Input:

1. Score for submissions assigned to a judge

Tests:

1. Submission not judged yet
2. Submission given invalid score

Output:

1. Winners are calculated or submissions are assigned to different judges