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User requirements:

important characteristics of system based on UI operations

Admin User:

- Invite judges to access their accounts
- access to database
- open and close voting for judges
- vote on poster
- access to rubric
- see results of judge's votes

Judge User:

- access their account
- access to database
- submit their vote to database
- access to rubric
- see results of judge's votes

Presenter User:

- access their account
- access the database
- access to rubric
- upload to poster database
- see results of judge's votes

System requirements:

system's functionality, services, operational constraints

- system should take presenter's poster uploads and catalog them in the database
- system should take judge's vote and catalog them in the database
- system should aggregate the score and return results to users
- system should access database and return all uploaded poster files to users
- system should access database to return valid/invalid login and user type

Risk analysis:

3 risk situations & possible mitigations actions (risks adversely affect project success)

- Presenters want to upload different file types of their poster, mitigation is to specify a certain file type (for example, .jpeg) presenters can upload.
- Hackers accessing the product and uploading 20 times, mitigation is to have thorough user authentication.

- Due to lack of time/resources we need to reassess project scope to have final deliverables in time.