

Team:

Bu Sun Kim

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GitHub names:

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Title: In Class Competition Board

Description: A competitive programming platform where users can post coding competition or participate in posted competitions.

Actors: Admin, Student, faculty

Functionality:

1. Student should be able to signup into the system.
2. Faculty should be able to signup into the system.
3. Admins should be able to see all the signed up users
4. Admin user should be able to grant permission for students to participate.
5. Admin user should be able to grant permission for faculty to create competitions.
6. Faculty should be able to create a competition
7. Faculty should be able to decide the winning criteria/test cases for the competition.
8. Faculty should be able to share the competition with specific users
9. Students should be able to view the competitions posted
10. Students should be able to submit the code for the competition in a supported programming language(TBD)
11. Students should be able to see the results of submitted code.
12. Faculty, Students should be able to view the results of competitions.
13. Faculty should be able to end the competition.