INTERNSHIP PORTAL

Project Description: This will facilitate communication between students, companies and universities. In this project you can: implement a coordinating web-based application where students can access the app for getting information from companies having internship programs, submit a proposal according to their preferences meanwhile instructors and companies would have to confirm and keep track of the student performance if student fulfil admission criteria etc.

1. **Roles**
   1. Admin – This is an administrative user who setups up the application and manages master data.
   2. Company - A representative of the company can offer internships and approve proposals submitted by students provided they fulfil the admission criteria
   3. Student - These users can look up internships and submit proposals
   4. University - A representative of the university can look up students and check if a student fulfils the admission criteria or not
2. **Registration** – Students, Universities and Companies will be able to register on the Internship Portal.
   1. Information requested during registration will vary based on the user type. The following information will be requested based on each user type -
      1. Student – [Name, Address, Phone number, Email, Student ID, Course Details]
      2. University – [Name, Address, Phone number, Email, Point of contact details]
      3. Company – [Name, Address, Email, Phone Number]
3. **Offering/ Publishing** 
   1. Company - Will be able to make an offering for an internship
   2. Student – Will be able to submit a proposal for an internship
   3. University – Will be able to input the academic record of a student
4. **List –**
   1. Company – View list of students who submitted a proposal
   2. Student – View List of internships that are offered by the companies
   3. University – View a list of its students who applied for internship.
5. **Workflow –**
   1. Companies publish the internships
   2. Students submit proposals.
   3. Universities check if students match the admission criteria.
   4. Once the university verifies a student’s eligibility the company can accept the student’s proposal.
   5. Companies track progress and provide feedback to students/university

**Companies:**

Create an internship (with conditions like gpa and courses)

**Students:**

Can apply to internships

**Universities:**

Approve the students for internships checking the conditions mentioned by companies

**DB:**  
Redis

**Steps:**Generate the classes of companies, students and universities with proper variables

Use Redis to make db of classes

Update it to github