**CSYE 6220 Enterprise Software Design**

**Spring 2021**

**Project Proposal**

**Project title: Tech World Hustle**

**Project Overview:**

In today’s fast evolving tech world, recruiters and applicants hustle from one web application to another for hiring and for getting hired. This web application provides a common platform to recruiters and various applicants for all such activities - job search, adding company reviews, analysing their market worth, providing fair job offers, networking, providing referrals, etc. This application is an intersection of Glassdoor and other job search portals like LinkedIn and Indeed.

**Technical skills:**

* Frameworks: Spring MVC 5x, Hibernate 4x
* Language: Java
* IDE: NetBeans
* Other supporting servers/tools: Tomcat 9

**Features to be covered:**

Key features (mandatory):

1. Role based login for authentication and authorization
2. Recruiters can post job list(s) and related details
3. Recruiters can search for freelancers and/or full-time employees
4. Recruiters can post walk-in interview events (visible to all)
5. Applicants (freelancers and full-time seekers) can search job roles based on various filters – expected salary range, location, job title(role), their availability, etc.
6. Applicants can add anonymous reviews for companies and their hiring processes.
7. Applicants can mention their (CTC) salary to provide data for the application to mark the market salary range
8. Applicants can search current market salary range based on job titles(roles) and domain
9. Job alerts based on preferences of applicants.
10. Ranking board (weekly or monthly) to display top 5(or 10) companies based on reviews added by applicants

Optional features:

1. Direct Messaging from recruiters to applicants and vice versa
2. Users can create communities of people with similar skill-sets, interests, and/or their job roles
3. User (recruiter as well as applicant) specific calendar for scheduling interviews
4. Users can post and register for various tech job fairs
5. Existing employees of a company can refer other applicants directly