

# **Project Proposal**

## **Project Team 22**

### **Recruiting Web Application having Tinder Like UI**

#### **Problem and Goals:**

With thousands of applicants applying for a job position, it is very difficult to keep track of all the applicants applied and the number of applicants selected/rejected in a particular round. Many recruiting platforms that are there today don't provide an intuitive UI which makes the recruitment process as a recruiter and applying for jobs as a job seeker, boring and tedious. We intend to make a full-fledged web based application having all the necessary features needed for recruiting which will also recommend the suitable candidates to the recruiter and suitable jobs to the job seeker. This web app will have an intuitive UI just like Tinder where the recruiter/candidate can swipe left and right the candidates/job opening respectively.

#### **Methodology:**

We aim to adopt the following methodology in order:

- 1) Design the database schema to store candidate information, Job information, Recruitment Process information.
- 2) Create the backend functionality using NodeJs.
- 3) Create frontend functionality using ReactJs.
- 4) Use TensorFlow.js for recommendation.
- 5) Deploy the application on AWS.

#### **Technologies:**

We intend to use, but not limited to the following technologies for this project:

- 1) MongoDB database
- 2) Express.js
- 3) React
- 4) Node.js
- 5) Amazon Web Services