

## Skill Recommendation System - Requirement Document

### 1. The Outcome

Design and implement algorithm to recommend desired skills list for new Job added based on Job Role. Skills should be recommended considering previous similar jobs

### 2. Screenshot of outcome (Attached with the email)

### 3. Data provided (Attached with the email)

You are provided with JSON data file. This file will have Jobs and different characteristics of Jobs

### 4. Expected step to be taken to implement

- Create a page with a search box (as shown in above picture)
- User will enter Job role on a free text search box
- The algorithm behind the scene will analyze previous data from JSON file provided and recommend the best skills (best match first) in scrollable section below (as shown in picture)
- The design of algorithm depends on developer (all types of creativity in algorithm is welcomed. Higher the accuracy better the algorithm. And special marks for thinking and implementing out of the box)
- Recommended: Hosting site on free hosting service and sharing the URL with QuezX team

### 5. Code Sharing and hosting site

- It is recommended that you share you code using public source control systems like github.com or similar
- It is also recommended that you host code on free online hosting platforms

### 6. Deliverables

- Algorithm used (Recommended on github.com repo Readme.md section or in doc/txt/PDF format)
- Code base on github.com or similar or zipped and mailed
- URL of site where it is hosted

### 7. Duration

- 1 week from the start of the project (Submission Date - 11-April-2015)

### 8. Submission

- Submission needs to be done on email. The deliverables needs to be emailed to [devs@quetzal.in](mailto:devs@quetzal.in)

### 9. Point of Contact

- For any doubts/queries you may contact us on the following:  
Darshit - +91 9664210745 - [darshit@quetzal.in](mailto:darshit@quetzal.in)  
Noble - +91 9029227018 - [noble@quetzal.in](mailto:noble@quetzal.in)