# README

Prerequisites:

Back-end: NodeJS

Database: MySQL Server

Setup

1. Install NodeJS & NPM: To install Node.js and NPM, use any of the official Node.js installers provided for your operating system from [Node.js (nodejs.org)](https://nodejs.org/en/)
2. Run the installer. That’s it, you have installed Node.js. Now check the version using the command node -v && npm -v to verify Node.js and NPM has installed correctly
3. Extract the application source code to a folder. Navigate to the directory that contains ‘package.json’ file and run ‘npm install’ in a terminal to install necessary dependencies for the application. Verify all dependencies have installed by checking the logs and a new file `package-lock.json` should be generated in the directory.
4. Now open MySQL Workbench and import the provided dump into your database.

Starting the Application

1. In the root directory of the source code, open db.js file and update the username and password of your local database into the appropriate fields.
2. To start the application, navigate to the directory that contains ‘package.json’ file and run ‘npm start’ in a terminal to start the application.
3. Open a browser window and navigate to <http://localhost:3000/> to view the application web page.

Using the Application

1. We have 2 user roles a recruiter and an applicant
2. Here are the credentials for recruiter role: [ck@kforce.com](mailto:ck@kforce.com) , password: abc12345
3. Here are the credentials for applicant role: [dr@gmail.com](mailto:dr@gmail.com) , password: abc12345
4. There are multiple users added in the database which can be used to test functionality

Software & Technical Specifications

Database: MySQL

Back-end: NodeJS

Front-end: HTML, CSS, Javascript

Software: MySQL Workbench, Git, Github

User Interaction

* 1. The user can log into their account with an email and password which can result in a valid or invalid result.
     1. If Valid, the user is sent to their Home screen based on their role.
     2. If Invalid, the user is asked to reenter the credentials.
  2. If the user is of Applicant role, he/she can perform the following operations:
     1. Search jobs based on location, position.
     2. Apply to published job postings by filling in the required details.
     3. Attach documents like Resume, Cover Letter, etc. to their applications.
     4. Submit the unsubmitted job applications.
     5. View/Withdraw submitted applications.
  3. If the user is a Recruiter, he/she can perform the following operations:
     1. Create job postings.
     2. View all job of their postings.
     3. View applications to the job postings.
     4. Update/Publish/Delete existing job postings.
  4. Users can then log out from the website.