Skill MAtcher

Full Stack Developer Course Project

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# Requirements

Skill Matcher Multi user web application – each user has its own profile User can easily add to own portfolio certain skills (from variety of full stack layers and/or tools).

# Features

The application should create and environment including job candidates, HR department and current job offers. In overview the skill matcher will provide interface between job candidates and HR department with these basic features:

* Create user profile
* Add skills with
  + Appropriate level of user
  + Time he was gaining experiences for it
* Match with users with current offers
* Create opened jobs
* Search among users according to set skills and levels
* Adding new skills to better match with real world

# Roles

1. User – person with profile in the system where he or she has filled in all of his skillsets with corresponding levels and working experiences.

Actions:

* + Log-in
  + Create account
  + Create/edit profile
  + Set himself as available (for job)
  + Match his skills with current jobs
  + Respond to jobs
  + Suggest to create new skills (tags)

1. HR – person from HR department who can manage job offers and match users according to their skills and contact them in case of match.

Actions:

* Log-in
* Look through users’ profiles
* Create jobs with requirements
* Contact users
* Filter users according to set skills
* Create new skills (tags)
* Approve suggested skills

1. Admin – overall admin of the system. As the part of system management is delegated to the HR user admin’s duties are reduced.

Actions:

* Log-in
* Create HR user

# Use cases

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| **Title** | **User/admin logs in** |
| **Goal** | Log in to profile/dashboard page |
| **Actor** | User, HR, Admin |
| **Story** | User logs in to his account |

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| **Title** | **User creates account** |
| **Goal** | Create user’s account and get access to the system |
| **Actor** | User |
| **Story** | User registers to the website and confirms e-mail |

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| **Title** | **User creates/edits profile** |
| **Goal** | Fill in his skills with levels and experience |
| **Actor** | User |
| **Story** | User adds skills, their levels and working experience |

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| **Title** | **User sets himself as available** |
| **Goal** | Let to know HR department that user is free for job |
| **Actor** | User |
| **Story** | User set his account as currently available so he can be contacted by HR department |

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| **Title** | **User matches his skills** |
| **Goal** | Find offered job by HR according to user’s skills |
| **Actor** | User |
| **Story** | User is automatically matched with current best suiting jobs according |

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| **Title** | **User responds to matched jobs** |
| **Goal** | Connect user with opened job offer |
| **Actor** | User |
| **Story** | Match potentially suited available user to opened job |

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| **Title** | **User suggests new skill** |
| **Goal** | Create new tag for skill which user didn’t find in the skills database |
| **Actor** | User |
| **Story** | If user cannot find the skill tag for the skill he is experienced with he can create new one, but this skill needs to be confirmed by someone from HR department |

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| **Title** | **HR looks through users profiles** |
| **Goal** | Have an overview of currently available users and their skills |
| **Actor** | HR |
| **Story** | HR can look through user profiles by skills, date of profile creation of recent updates in profiles |

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| **Title** | **HR contacts user** |
| **Goal** | Contact user with suitable skills |
| **Actor** | HR |
| **Story** | If HR find user’s skills (according to profile) suitable or interesting he can directly contact him or direct him to job |

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| **Title** | **HR creates jobs with requirements** |
| **Goal** | Create job which can be seen by users and let them know that new offer is available |
| **Actor** | HR |
| **Story** | If there is new available job offer HR can create it with appropriate requirements and with set of skills which are a MUST for the job |

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| **Title** | **HR filters users according to skills** |
| **Goal** | Find suitable job candidates among user profiles with specific skills |
| **Actor** | HR |
| **Story** | HR can set the filter of user’s profiles by skills, their level and working experience and order them from most to least suitable |

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| **Title** | **HR creates new skills** |
| **Goal** | To extend the actual skill database with new ones |
| **Actor** | HR |
| **Story** | HR will create a new skill tags in order to match better with current trends |

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| **Title** | **HR approves suggested skills** |
| **Goal** | Approve (and create) new skill tags |
| **Actor** | HR |
| **Story** | HR approve suggested skill from user (if user cannot find skill which he has experiences with he can suggest it) and add it to current skill database |

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| **Title** | **Create new HR user** |
| **Goal** | New HR user account is successfully created |
| **Actor** | Admin |
| **Story** | When new HR user is needed in the system (e.g. new employee at HR department), admin of the application creates this account. |