

Project Concept Demo

Group 5

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Requirements

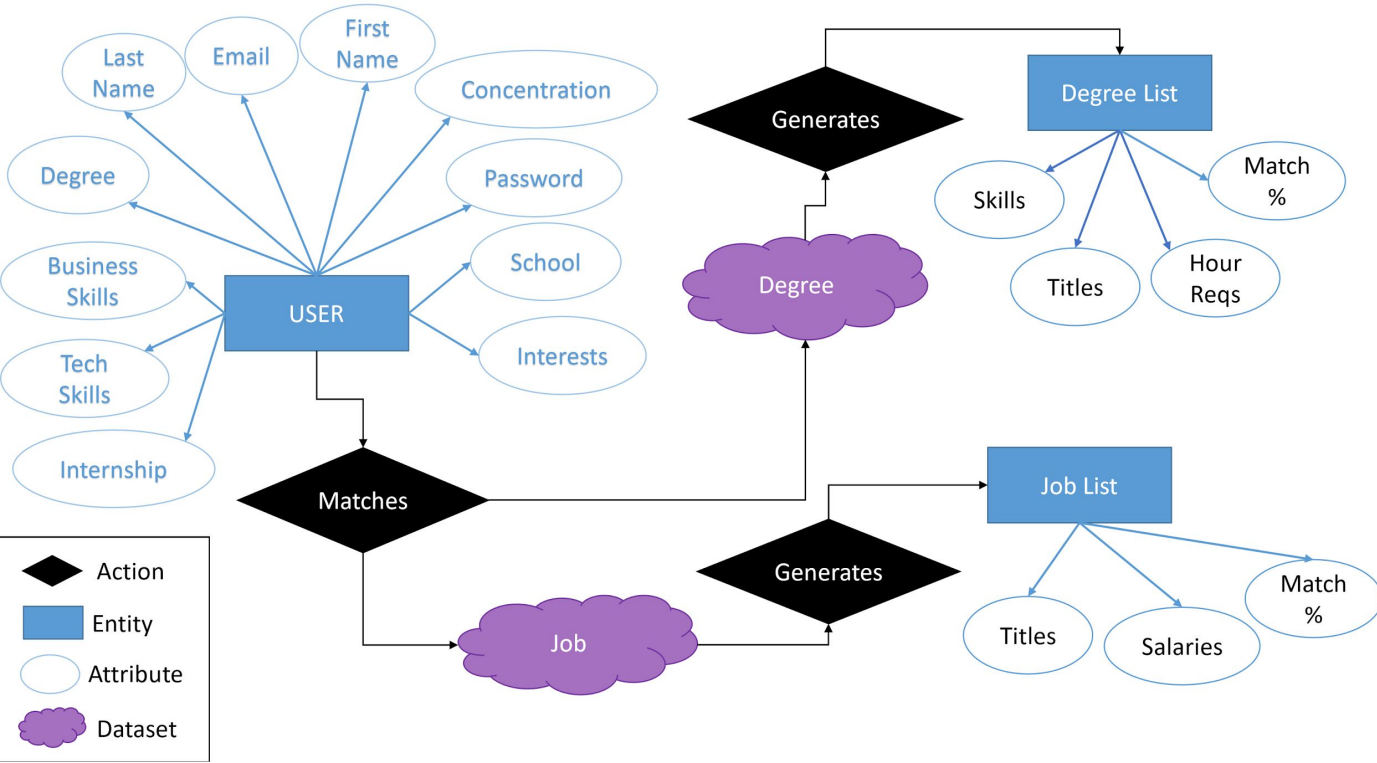
Highlighted User Stories

A user should expect to be able to:

- **Choose a desired job, and be matched with the Masters program and skills/classes he/she needs the most to qualify for the chosen job.**
- **Choose a desired DePaul CDM Masters program, and be matched with the most suitable job for chosen program and his/her skills.**
- Log in and create a profile that saves relevant personal data.
- Drill through a list of DePaul CDM Masters programs to see details on DePaul's website.
- Trust the platform's privacy and security in regards to personal data.

Detailed User Stories and Requirements are in active development.

Database ERD



Hardware

Web Back End:

- LAMP server, PHP (7 versions among which the user may switch), MySQL with PhpMyAdmin
- FTP and SSH access
- 10 GB space and unlimited traffic
- unlimited email addresses, IMAP/POP3, SMTP
- cPanel control panel with Softaculous autoinstaller
- one-click installation of Joomla, Drupal, WordPress, and more than 150 other sitebuilding software (CMS, LMS, shopping carts, forums, blogs, etc.)
- CDN caching solution may be enabled by the user - 24/7 support on chat, phone and HelpDesk

Software

Web Front End :

- JavaScript
- HTML5
- Text Boxes for freeform data entry
- Dropdowns for control data entry
- Drill-through links to all details on Masters programs to DePaul CDM site.

Algorithm:

- Matching algorithm using weighted values for skills/experience for a database of job openings to match user's current skillset and details and classlist of each of DePaul's CDM Masters programs.

UI / UX Design

