Chandler Hawkins

Faisal Shaikh

Dylan Welch (Scrum Master)

Andrey Yamburg (Project Owner)

**Release Plan - CMPS 115 – JobTrends**

**10/10/18 Revision 1**

**High Level Goals**

* Web application
* Be able to web scrape job requirements from job hunting websites
* Be able to draw meaningful relationships between user qualifications and desired qualifications from web scraped data.
* Be able to visually display data.
* Prototype testing

**User Stories for Release**

* Web application
  + Landing page, Nav Bar: 4
  + UI front end Filtering by skills and job titles: 4
* Web scraping
  + LinkedIn: 9
  + Indeed: 10
* Data Analysis
  + Web scraping data storage: 9
  + Web scraper parsing: 7
  + Find relationships between different skills: 5
* Data Visualization
  + Produce visuals for gathered data: 8
* Prototype Testing
  + --Prototype Testing-- : 5

*Sprint 1:*

* As a user I want a Landing Page because I want to visit the site so that I can use it’s features
* As a user I want web scraping from linkedin because I want an expansive job data set so that I can draw informed decisions from it.
* As a user I want data storage from job sites because I want to have fast access to the data so that I can reduce wait time.

*Sprint 2:*

* As a user I want web scraper parsing because I want to drill down on different keywords so that I could make use of the data that was pulled.
* As a user I want visuals for the data that was gathered because I want a clear analysis of the relationships between skill sets in the tech industry.

*Sprint 3:*

* As a user I want web scraping from Indeed as well so that I can have more data to make the results even more accurate
* As a user I want prototype testing so that the product is in overall good shape before being rolled out.

**Product Backlog**

* Accounts
* More websites to scrape from
* Links to job listings
* Email notifications
* Other job fields