

1. Heading: Sprint 1 plan, PathFinder, PathFinders, PathFinder 0.5, June 10th, Revision #1 & Revision Date: April 8th, 21
2. Goal: Complete the initial framework of the backend. This includes web scraping, formatting the data, storing the data in a database, then generating metrics from the data.
3. Task listing, organized by user story:
 1. As a user, I want to be able to access the metrics quickly: 5 story points
 - i. Create database - 2.5 hours
 - ii. Generate tables - 8 hours
 - iii. Fill tables - 8 hours
 - iv. Try to connect to database with javascript + query - 8 hours
 - v. Metric calculation - 8 hours
 2. As a user, I want the metrics I receive to be accurate to reality: 21 story points
 - i. Implement the automatic navigation of Linkedin for web scraping - 8 hours
 - ii. Scrape the 'About the Job' component from Linkedin - 8 hours
 - iii. Text preprocessing (e.g. removing stopwords) - 2 hours
 - iv. Implementing the keyword searching algorithm - 7 hours
 - v. Implement mechanism to prevent scraping repeated job posts - 8 hours
4. Team roles:
 1. Product Owner:
 2. Scrum Master:
5. Initial task assignment:
 1. Andrew: get the database running and usable
 2. Chainy: Scrape the About the Job section of Linkedin.
 3. Ming: Automatic navigation of Linkedin
 4. Alice: try to connect to database with javascript + query
 5. Eric: Implement mechanism to prevent scraping repeated job posts
6. Initial burnup chart:
7. Initial scrum board:Trello
8. Scrum times:
 1. Tu/Thur/Sat after 5:30