

**Product Name** : News Rank  
**Team Name** : Royalty Inc.  
**Release Name** : Version 0.9  
**Release Date** : April 28th 2017  
**Revision Name** : Version 1.0  
**Revision Date** : May 15 2017

### **High Level Goals:**

- Functional website that can aggregate various data from social media to perform sentiment analysis.
- Implement Key word search
- Create some sort of feedback system for user experience
- Implement Google Analytics

### **User Stories:**

- As a user I would like to visualize the sentiment data from Twitter
- As a user I want to search various topics
- As a user I would want a Keyword search to see public perception
- As a developer I want to be able to aggregate the data from user searches to form conclusions from user input
- As a developer I want to create a live feed to see the primary source of the data
- As a user I want to easily navigate the interface
- As a user I want to know the reliability of a website/article
- As a user I want to see the public perception of a recently posted article
- As a user I want to be able to provide input on whether I agree with the reliability of a current article or not
- As a developer I want to be able to scrape text from various websites

### **Sprint 1**

\_\_\_\_\_[Name] [User Story] [Size]

- [J, D] As a developer I want to make a basic layout for the website because user needs one. [L]
- [S] As a developer I want to have a search bar because I want to be able to search through topics. [M]
- [F, L, A] As a developer I want to be able to scrape text from Twitter and Facebook because we want to analyze it. [L]

### **Sprint 2**

\_\_\_\_\_[Name] [User Story] [Size]

- [F, L] As a developer I want to be able to aggregate the data from user searches to form conclusions from user input [L]
- [D,J] As a user I would like to visualize the sentiment data from Twitter [L]
- [A, S] As a developer I want to create a live feed to see the primary source of the data [L]

### **Sprint 3**

\_\_\_\_\_[Name] [User Story] [Size]

- As a developer I want to create a live feed to see the primary source of the data
- As a user I want to easily navigate the interface
- As a user I want to know the reliability of a website/article
- As a user I want to see the public perception of a recently posted article
- As a user I want to be able to provide input on whether I agree with the reliability of a current article or now

Product Backlog:

- Analyzing Authors
- Giving the website app functionality