

Product Owner: Wilson Chiu, Scrum Master: Eric Mar

High Level Goals:

- prototype testing
- continuous integration
- Create Website capable of displaying news articles we find, hosted on (AWS)
- Allow users to rate articles / sources based on political ideological placement and store 'read' articles
- Matched based on date, tag, content similarity
- Real time updates
 - Maybe scheduled updates too
- Utilize Api to scrape information from websites categorized by bias
- Discussion board allowing users to comment and debate on current topics
 - Allow users to comment or highlight to respond to certain excerpts of the articles
 - Rating comments for political leaning
- Suggested article sidebar
- Automated front-end and back-end testing (reach goal)

Technologies:

- Frontend: Vue.js + Node.js, Flask (Express)
- Database: DynamoDB (AWS)

User Stories:

Sprint 1:

- <Andrew & Eric> [Spike | 2 Days] Research DynamoDB (for ec2 instance?)
- <Andrew & Eric> [Story | 5 Points] Set up DynamoDB (for ec2 instance?)
- <Group Task> [Spike | 2 Day] Vue.js + Flask Research
- <Jessy> [Story | 5 Points] Set Up Vue.js + Flask
- <Simon> [Story | 1 Points] Where to get and classify our sources
- <Wilson> [Spike | 3 Days] How to use the news api

- <Wilson, Simon> [Story | 8 Points] Mock up for our website

Sprint 2:

- Connect news api to flask backend
- Connect dynamodb to flask backend
- Save user info
- Implement navbar component
- Implement homepage article icon component
- Fetch news articles from api
- Create news article table, users table in dynamodb
- News article card component

Sprint 3:

- Implement news component
- Combine components into website
- Style website according to mockup
- Create discussion/comment board component
- Implement discussion/comment board backend
- Formatting raw data from api into readable format on website

Sprint 4:

- Implement homepage ui testing
- Implement voting frontend
- Implement voting backend
- Implement rating system
- Upload to aws ec2 instance
- Implement rating back-end

Backlog:

- [Story | _ Days] I want to be able to comment on articles
- [Spike | _ Days] MVP Document // flowchart for our product
- [Story | _ Days] Tags for articles?