

Release Plan, Middle Ground, Middle Ground Team, Release 1.0, End of Quarter, 3, 4/19/21
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High Level Goals:

- Create a real-time website which is capable of displaying contrasting views on news stories
- Utilize news API (newsapi.org) to pull news articles from various news sources with contrasting political views
- Implement discussion board allowing for open discussion on current topics

Technologies:

- Frontend: Vue.js, Flask
- Database: SQLite (local), Google Cloud SQL (deployment)
- Hosting:
 - Backend: Google App Engine, Google Cloud SQL Auth Proxy (local)
 - Front-End: AWS S3

User Stories:

Sprint 1:

- As developers, we want to retrieve and store articles
 - Set up DynamoDB
 - Set up base Vue + Flask repo
- As a user, I want to have an engaging UI where I can see a variety of media outlets
 - Create UI mockups

Sprint 2:

- As a user, I want to access and use a secure website.
 - Set up SQLAlchemy
- As a user, I want to easily view multiple articles from various media outlets simultaneously.
 - Article boxes with scrolling container component
 - News Article Card View
 - NavBar Setup
 - Fetch news articles from api
- As a user, I want to be able to see a home banner with modern design
 - Create Home Banner component

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Sprint 3:

- As a user I want to be able to navigate to and read articles
 - Connect backend to frontend components
- As a user, I want to be able to share ideas about an article with others
 - Create and connect comment section component
- As a user I want to be able to access the website
 - Vue Session / Login Functionality
 - Deploy Production Server

Sprint 4:

- As a user I want to be able to use a friendly and intuitive interface
 - Cleanup frontend
 - Unit testing for comments and articles
- As a user I want to be able to see articles related to the ones I am interested in
 - Implement related articles
 - Articles and userauth unit testing
- As a user I want to be able to access the website online (anytime, anywhere)

Backlog:

- As a user, I would like to have group chats with others with different views
- As a user, I want to be able to see the ratings for an article
- As a user, I want to be able to vote and rate an article based on political ideology
- As a user, I want to be able to save articles for later readings.