IntelliNews Sprint 3

Prepared By: Eleanor Haas, Yunis Hussein, and Jack Ogden

Virginia Tech, CS 5934, Dr. Mengistu

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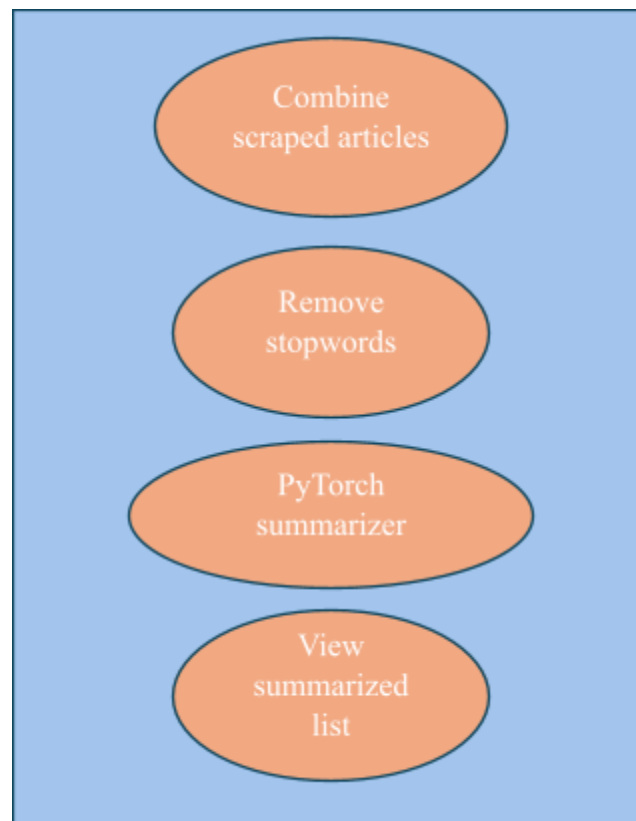
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User Stories

- As an analyst I want to use an AI condensation method to summarize the scraped articles so the process will be efficient and effective.
- As an analyst I want the condensation to be as efficient and fast as possible so the user gets a better experience.
- As a programmer I want the condensation method to be seamlessly integrated into the web scraper so the application will work without human input.

Use Case Diagram

Figure 1: Sprint 3 Use Case Diagram

Sprint 3 Backlog

Table 1: Sprint 3 Backlog

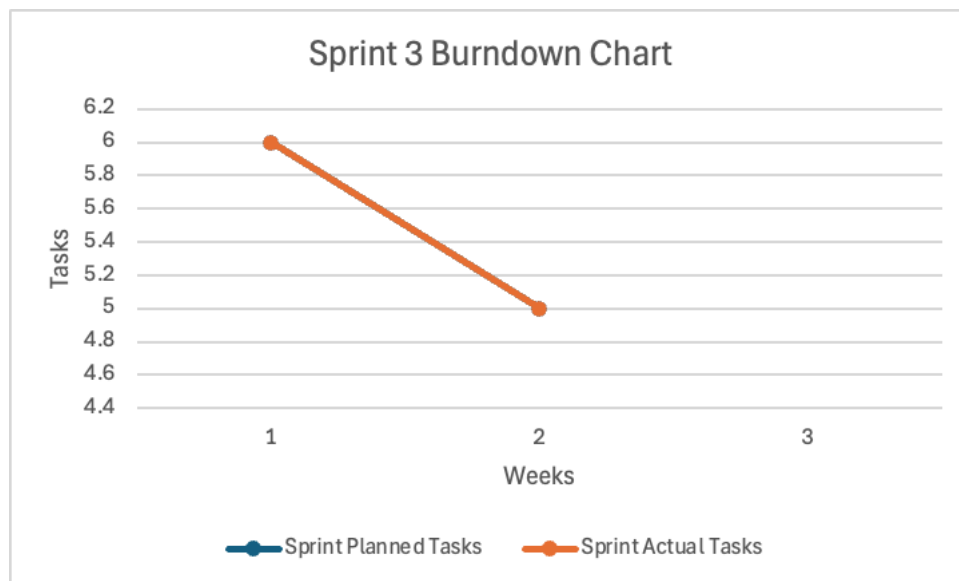| User Story	Tasks	Priority	Time	Completed
As an analyst I want to use an AI condensation method to summarize the scraped articles so the process will be efficient and effective.	Research various condensation methods	High	7 hrs	✅
As a programmer I want the condensation method to be seamlessly integrated into the web scraper so the application will work without human input.	Code chosen condensation method	High	5 hrs	✅
As an analyst I want to use an AI condensation method to summarize the scraped articles so the process will be efficient and effective.	Create database to store output	High	2 hrs	✅
As a programmer I want the condensation method to be seamlessly integrated into the web scraper so the application will work without human input.	Integrate web scraper and condensation method	High	1 hr	✅
As an analyst I want the condensation to be as efficient and fast as possible so the user gets a better experience.	Remove stopwords from the scraped articles	Med	2 hrs	✅
As a programmer I want the condensation method to be seamlessly integrated into the web scraper so the application will work without human input.	Automate web scraper and condensation method process	Med	1 hr	✅
As a programmer I want the condensation method to be seamlessly integrated into the web scraper so the application will work without human input.	Make code more efficient	Low	1 hr	✅

Issue Tracking

The issue log for our project can be found [here](#).

Product Backlog

During this sprint, we looked to have a completed version of the AI condensation method fully completed and integrated. In week 1 of our sprint, we mainly focused on doing a lot of research and non-technical work. It was crucial to ensure that we understood the full capabilities of the various technologies we would potentially be able to use. In week 2, we focused on implementation. We were able to successfully create a condensation method using the Pytorch library. All in all, the tasks allotted for this sprint were all completed on time.

Sprint 3 Burndown Chart

Figure 2: Sprint 3 Burndown Chart

Commentary on the sprint burndown chart: Based on the sprint 3 burndown chart (which was created based on our product roadmap and sprint 3 backlog) the project is on time and efficiency is at an optimal state thus far. We finished all tasks in an orderly and timely manner.