IntelliNews Sprint 5

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User Stories

- As a user I want to be able to choose which news summaries to see because it will make for a cleaner user experience.
- As a user I want to be able to click the links to the source articles because I want to be able to read more about the topic.
- As a developer I want to make sure the back end and front end work smoothly to ensure that the client has a good experience.
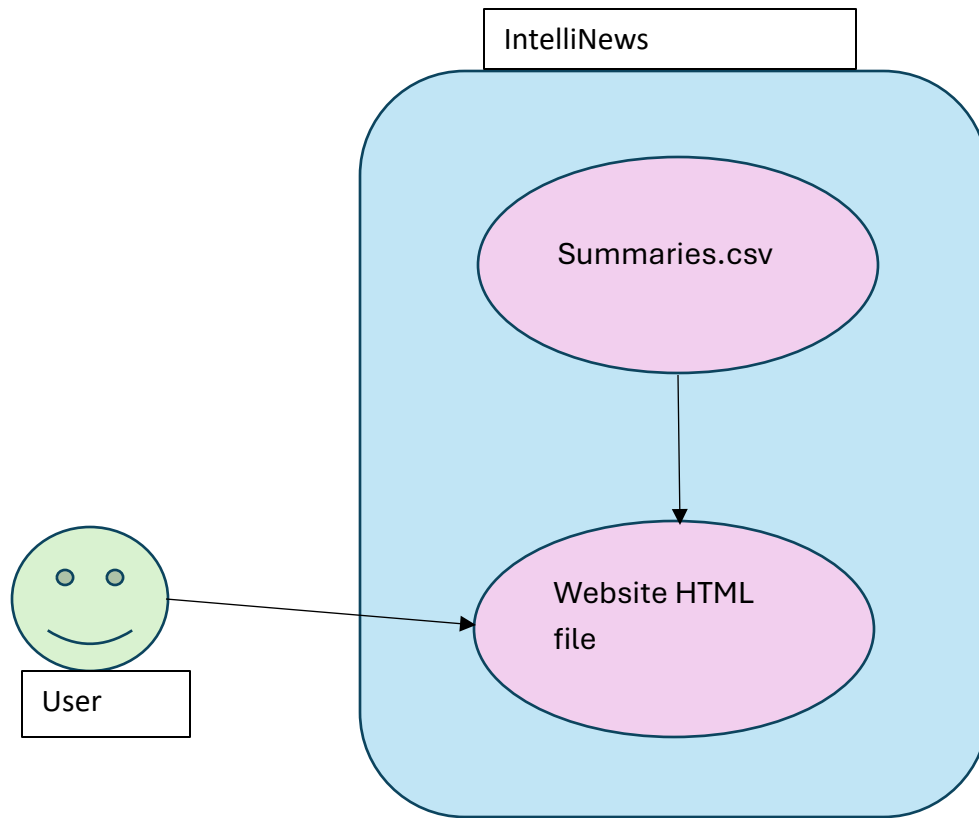
Use Case Diagram

Figure 1: Sprint 5 Use Case Diagram

Sprint 5 Backlog

Table 1: Sprint 5 Backlog

User Story	Tasks	Priority	Time	Completed
As a user I want to be able to choose which news summaries to see because it will make for a cleaner user experience.	Implement displaying summaries	High	8 hrs	✅
As a user I want to be able to click the links to the source articles because I want to be able to read more about the topic.	Implement displaying links to sources	Med	2 hrs	✅

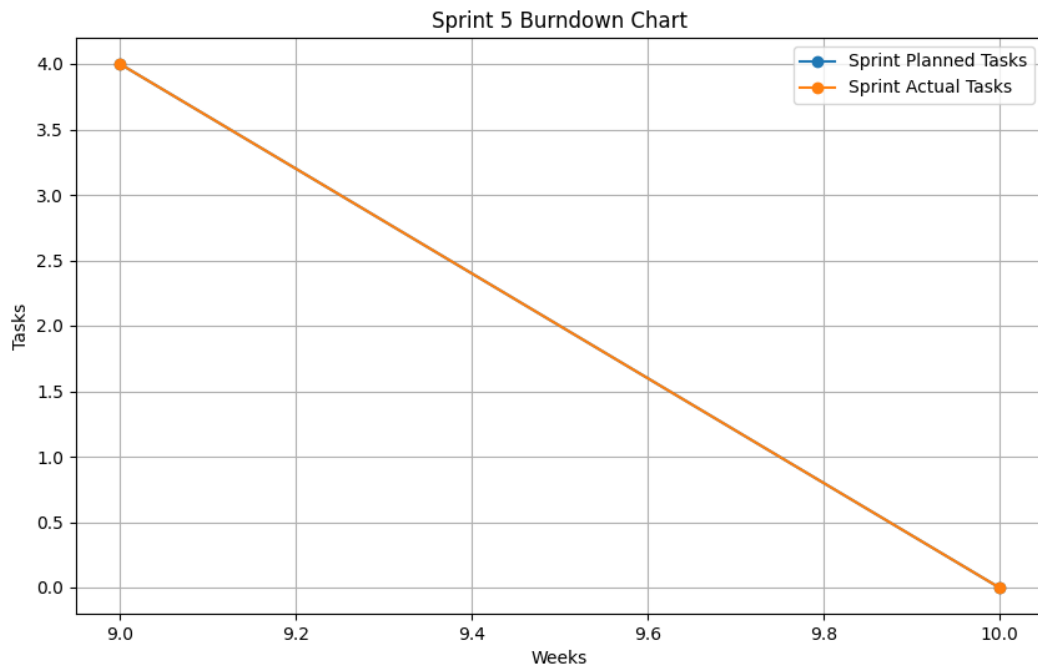| As a developer I want to make sure the back end and front end work smoothly to ensure that the client has a good experience.	Update front end to support back end	High	3 hrs	✅
As a developer I want to make sure the back end and front end work smoothly to ensure that the client has a good experience.	Ensure all components are connected/work together smoothly	High	2 hrs	✅

Issue Tracking

The issue log for our project can be found here.

Product backlog (updated)

During this sprint, we looked to essentially finish up the website and wrap up the entirety of our project. During the first week, we focused on trying to fully implement displaying the content on our website. We didn't worry about formatting just yet. The following week, we focused on ensuring everything was styled well, adding extra functionalities (like displaying reference links to the summaries), and all aspects of our project were connected and working smoothly. We were able to successfully accomplish all the tasks we set out for ourselves this sprint.

Sprint 5 Burndown Chart

Figure 2: Sprint 5 Burndown Chart

Commentary on the sprint burndown chart: Based on the sprint 5 burndown chart (which was created based on our product roadmap and sprint 5 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.

Sprint Retrospective

We are extremely happy when looking back over the course of our sprints to say that we have implemented all our user stories and completed all the tasks we have set for ourselves. We started a bit rough with a lack of understanding on how to properly go about creating the sprint deliverables and with that came some disorganization, but very quickly once we got the hang of things, we started working extremely efficiently. We began having frequent check-ins with each other and were able to accurately gauge how long a task would take during our sprint planning sessions. In terms of impediments we encountered, it was only the lack of understanding of how to properly plan for our sprints (as I've mentioned above) other than that, we really did exceptionally to get our work done and plan accordingly. Agile seemed to work very well with this project as it allowed us to have

the flexibility in changing areas that we thought may not have aligned with the project vision anymore. It allowed for us to focus on a bi-weekly basis (our sprint length) and worry about the next sprint when it comes. This way, we could take the feedback from our professor and our sprint reflection meetings and plan with an improved vision for the following sprint. All in all, we believe that we were very successful in our implementation and are extremely lucky to not have been held up too much during this process.