

Project Status Report 6

Team 3

NewsVerse

Software Engineering
Fall 24

CS 673 A1



Damanjit Singh
Abigail Gualda
Stephen Yang
Dewei Wang
Yuhang Wang

Important Decisions and Team Weekly SCRUM Meeting Notes Captured here:

Important Team Documents:

- Slack Link: <https://cs673a1.slack.com/archives/C07L83B3249>
- Google Folder: [CS673 Team 3: NewsVerse WebApp](#)
- Jira Link:
<https://bu-team3-swe673.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog>
- Figma Link:
<https://www.figma.com/design/ESfV0CsKg7HSsz05Vvkbn/News-Verse?node-id=2-4705&node-type=frame&t=R5pJdfTDQRUUayIW-0>
- Weekly Team Meeting:
 - Wednesday 6:00 - 7:45pm
 - Zoom Link:
<https://bostonu.zoom.us/j/92986961141?pwd=2PsIEJaSs4AAVc7mfAXL3VkJbRj15.1&from=addon>

SCRUM Mtg Notes:

Attendance: Stephen, Abby, Singh, Dewei , and Yuhang

Date: Nov 20, 2024

Meeting: Weekly Work Review and Turn in Assignments Mtg

Agenda:

- Review Jira Board
 - End old sprint and start new one
 - Assign tasks to teammates
- Discuss what the next few weeks will look like
 - Testing
 - LLM model and summary of all data sources connected and displayed properly to the frontend
 - Keyword search functionality should be completed
 - Finalize palette colors and font

Next Steps:

- Continue to work on Jira tasks
 - Continue to finalized front end
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Individual Contributions:

- Abigail Gualda

This week, I focused on finalizing the UI/UX design by selecting the final color palette to define the look and feel of the landing page, widgets, and headline pages. I also sourced and integrated stock photos that align with the chosen palette, ensuring a cohesive visual identity. Additionally, I finalized the font size, color, and type, as well as the color contrast for all the features on our webpage to enhance readability and accessibility. Moving forward, my next priorities include interviews with users to gather feedback on the website's flow and overall user experience, identifying areas for improvement.

- Damanjit Singh

This week, I focused on implementing the search functionality, enabling users to find news articles based on specific keywords. I developed a keyword recognition system. Additionally, I will conduct testing to validate accuracy and responsiveness, laying the groundwork for a seamless and user-friendly search experience.

- Stephen Yang

This week, I finished the testing codes of the backend application with Pytest, ensuring the functionalities of the software before deployment. Apart from that, I finalized the entire backend package and uploaded it to the main branch. The AWS services for this project are up and available to operate anytime. The batch job will execute the codes from the main branch, and the result will be ready for the presentation.

- Dewei Wang

This week, I have completed almost all the front-end work, including calling the database's data interface, making changes to the logo and main page layout, and deploying test code. Currently, there are some additional issues with deploying the front-end to AWS, but after discussion, we have decided to use a local deployment website for the demonstration. I have also made additional adjustments to the page, such as adjusting the search function to make it more in line with the point-to-point search function.

- Yuhang Wang

This week, my work focused on data processing. Through comparison, I found that my model exhibits some differences in data processing effectiveness

compared to the official ChatGPT API. When dealing with small-scale data, the model's efficiency is comparable to ChatGPT. However, when processing large-scale data, the model's performance may not match ChatGPT and might lose some pieces of news. Our tests also require multiple versions of the data, so my model still needs final adjustments to ensure it achieves the same level of quality and performance as ChatGPT in data handling.

GitHub Repo Link:

- <https://github.com/stephenyang0215/NewsVerse>