**Sprint 2 Ceremony Insights**

**Daily Scrum:**

Our team adopted a structured approach to Daily Scrums. Every day, we discuss online to update each other on progress, clarify issues, and ensure alignment. Each team member had specific tasks, and this daily sync ensured we all moved forward at the same pace. If anyone encountered a challenge, we would discuss potential solutions immediately, keeping our work smooth and efficient. Meeting every other day also allowed for more in-depth discussions when needed, especially when tackling more complex tasks.

**Sprint Review:**

At the midpoint of the sprint, we conducted Sprint Reviews, where we walked through our code together. During this review, each member explained the logic behind their implementation, allowing others to provide feedback or suggestions for improvement. This collaborative review process helped us ensure that our features were not only functional but also aligned with the project’s technical and product goals. Any unclear aspects were discussed with the Product Owner to ensure the features met the expected requirements.

**Sprint Retrospective:**

At the end of the sprint, we held a retrospective to reflect on what went well and what could be improved. We reviewed the code together, made final adjustments, and merged the completed features. Using Trello helped us visualize our progress and kept everyone accountable for their tasks. In addition, we took time to review our GitHub structure to avoid potential merge conflicts. This agreement on code structure beforehand significantly streamlined our development process. In terms of outcomes, our progress closely aligned with our Sprint 1 prototype, which was a key success.

**Process Enhancements:**

* ***Collaborative Planning***: At the start of each task, we had detailed discussions with the product owner, clearly setting the expectations for the features and ensuring that we understood what was required.
* ***Frequent Check-ins***: We met every other day to catch up on individual progress and resolve any blockers or confusion. This eliminated delays in work due to misunderstandings.
* ***Mid-sprint Code Review:*** Reviewing code halfway through the sprint allowed us to catch any errors or unclear logic before it became a problem, which reduced rework later in the sprint.
* ***End-of-sprint Review***: We reviewed code again at the end of the sprint, ensuring that everything worked as intended before releasing and merging completed features. This review allowed us to catch any last-minute issues and ensure code consistency.
* ***Tooling***: Trello was instrumental in tracking our progress, dividing tasks efficiently, and ensuring that nothing was overlooked. Our agreed-upon GitHub structure helped minimize conflicts when multiple team members worked on different parts of the project simultaneously.

**Sprint Outcome:**

By the end of the sprint, our product was well-aligned with our Sprint 1 prototype. We were able to complete key features like the Sign-up and Log-in pages, Profile page, Home page, Product Recommendations, Category and Search functionality. The smooth integration of the frontend and backend played a key role in this success.

**Next Steps:**

We aim to deliver more features to bring our Metrade website closer to completion. We will continue improving and adding functionality, making the user experience smoother and more efficient, and ensuring the project remains aligned with our sprint goals.