

Sprint Retrospective Summary

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Start Time: 7:15 PM
End Time: 7:55 PM

What could have gone better?

- During the final integration and testing phase, a few small mismatches appeared between the API responses and the way the frontend handled the data, so some quick updates were needed.
- Documentation took slightly longer than expected because it had to be adjusted to match the final version of the implemented features.
- A few GPS stream processing edge cases were discovered near the end of the sprint, which required fast fixes before completion.

Did the team estimate velocity well?

Yes, the team kept a steady sprint velocity of 20 story points and completed the remaining user stories and final project deliverables within the planned schedule.

Did the team estimate story points accurately?

Yes, the estimates were mostly accurate. Some final testing and documentation work required a little more effort than expected, but this did not prevent the sprint from being completed successfully.

Did each team member complete their scheduled work?

Yes, each team member stayed involved and completed their assigned responsibilities, including development updates, testing, documentation, and final presentation preparation.

What went well?

- The team worked well together during the final development and testing stages.
- All major system components were successfully connected, including backend logic, API endpoints, and database functionality.
- The system became more stable and performed better after earlier integration issues were resolved.
- The team completed the project documentation and prepared the system for the final presentation.

How can the issues be handled in the next sprint?

- Set aside more time earlier in the sprint for final validation and edge case testing.
- Update documentation while development is happening instead of waiting until the end.
- Keep testing the connection between the API and frontend regularly to prevent late issues.

How can the process improve?

- Keep communication consistent, especially during the final parts of the project.
- Continue using daily scrums to monitor progress and address blockers quickly.
- Add smaller review checkpoints before final deadlines.

How can the product improve?

- Strengthen error handling and edge case coverage for GPS data processing.
- Improve API documentation so it is clearer and easier to use.
- Continue improving system performance and monitoring features.