Lessons Learned

Communication

- Daily communication is key to staying on task. Once this was introduced our efficiency increased drastically.

Project Management

- Consistent and complete documentation of tasks is crucial to staying on schedule

- Having a completed schedule is important from day one of a project. Not having a completed schedule created a time crunch around the middle of the project.

Documentation

- Leaving proper documentation is crucial to workflow efficiency

- Consulting existing documentation is worthwhile and decreases development time

Training on the existing system

- Taking additional time to train on the existing platform at the start of the Software development process would have saved a lot of time during the implementation phase.

- Due to the time constraints of the semester, learning new technologies had to be done quickly: SQL, Springboot, HTML, Javascript

What went well

- As a whole team communication was a strong point. We stayed on track and kept in contact on important, time-sensitive issues.

- As a team, we were very adaptable to changing environments and working in a distributed development team.

- Time management was not an issue for the majority of the project.

What needs to be improved

- Documentation of assigned tasks, problems, and established codebase.

- Communication with the client. Several deadlines were missed due to a misunderstanding with the wants of the client.

- Interleave design and implementation steps better. Design should be done sooner to better the team's understanding of the implementation process.