**CS691, Capstone Project - Retrospective Report**

**Iteration:**

Team No: 2

Project Manager: Vivek Reddy Satti

Application Name: Quick Book

Meeting Date: 28/10/2024

Mandatory points to address:

* Velocity (effort) estimation for iterations
* Following the schedule of deliverables
* Slack communication
* Peer-reviews

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| **What Worked Well** | **What can be Improved** | **Suggested Improvement Actions** |
| Successful completion and deployment of the below user stories planned for Sprint 1:   * 01.01 Account Authentication/Modification * 01.02 Venue search | Overestimated the sprint velocity.  The user story  01.03 Seat Booking/Seat Availability was completed partially. | For the Sprint 2 planning, estimations can be planned more accurately based on Sprint 1 experience. |
| Development tasks have been implemented well with team collaboration:   * Login and access to account * Search Event * Select seats | Cross-cut definitions were not implemented completely. A few important cross-cut functionalities were missed. | Review the cross-cut definitions. Prioritize and estimate which to implement and which to drop before the start of each user story based on Sprint 1 experience. |
| Sprint objectives were followed throughout the development process | Slack communications were irregular and affected timely issue resolution and updates. | Set up structured daily updates on Slack or another communication platform for consistent progress sharing and addressing blockers. |
| Faced technical challenges in some areas,  but with team – collaboration, we were able to overcome it | The peer reviewer didn’t follow documentation guidelines correctly, resulting in errors in the review. | Refine peer review procedures with detailed documentation guidelines to ensure comprehensive coverage of code and functionalities. |
| Gained experience working on Javascript language and developing a full-stack web application | The application should not break. Exception handling is not done properly. The application goes down when tried to search venue on search bar. | Developers need to prioritize testing after implementing the functionality. |
| Gained experience with Jenkins deployment and AWS EC2. Faced some challenges at the beginning but was able to overcome them with research and effort (also Chatgpt) | The daily schedule was not enforced as planned. | Conduct more frequent checkpoint meetings. Avoid overloading of tasks. |