

## Retrospective B – Assembly Gang

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*Since our sprints are one week in length, this retrospective covers Sprint 3, Sprint 4 and Sprint 5 together. Sprint 3 ran from 3/07/2020 – 10/07/2020. Sprint 4 ran from 10/07/2020 – 17/07/2020. Sprint 5 ran from 17/07/2020 – 24/07/2020. The day when Sprint 5 finished coincided with the day of progressive Demo B. We met through an online video conference after Demo B to conduct our Retrospective.*

**Date:** 24/07/2020

**Time:** 11:05am

**Team Members Present:** Farhan Ghazi (z5199861), Michael Papantoniou (z5164398), Michael Wang (z5016071), Tim Huang (z5020441)

**Team Members Absent:** N/A

Last retrospective's To Try	What went well	What didn't go so well	To Try
<ul style="list-style-type: none"><li>Plan the time of our standups ahead so that more members will be available for the video conference rather than just writing their standup.<ul style="list-style-type: none"><li>Michael Wang creates a shared calendar to lock in when to conduct our standup video conference each</li></ul></li></ul>	<ul style="list-style-type: none"><li>Cleared up a majority of the backlog by Sprint 5.</li><li>We split the work up by epics when assigning stories during our sprint planning meetings. This ensured no more duplicated work.</li><li>The development environment was finally set up properly for every team member. This meant more time was put into coding</li></ul>	<ul style="list-style-type: none"><li>Sprint velocity was slow in Sprint 3 due to assignments from other courses.</li><li>There were UI bugs for some buttons during Demo B.</li><li>The recommender system still not implemented which is a key feature of our product.</li></ul>	<ul style="list-style-type: none"><li>Add an extra meeting just before our sprint planning for doing a mock demo of our application. This ensures we can identify bugs and provide group feedback.<ul style="list-style-type: none"><li>Michael Wang responsible for going through the application just before the sprint planning and working with</li></ul></li></ul>

<p>day for the entire week.</p> <ul style="list-style-type: none"> <li>○ <b>This worked well. We were able to hold more video conferences which ensured more productive standups.</b></li> <li>• Write unit tests for each user story that has been completed. <ul style="list-style-type: none"> <li>○ Michael Papantoniou creates Tasks on Jira and assign to the various team members so that they know what tests to write.</li> <li>○ <b>Unfortunately, due to the amount of stories in our backlog, it was not feasible to complete many tests.</b></li> </ul> </li> </ul>	<p>rather than troubleshooting.</p> <ul style="list-style-type: none"> <li>• Increased number of video conference standups which ensured better communication.</li> <li>• Issues with time management due to clashes with other classes cleared up over the 3 sprints.</li> </ul>		<p>everyone to stress test.</p> <ul style="list-style-type: none"> <li>• Write unit tests for each user story that has been completed. <ul style="list-style-type: none"> <li>○ Michael Papantoniou creates Tasks on Jira and assign to the various team members so that they know what tests to write.</li> </ul> </li> <li>• Set up the README for our github repo so that it shows the steps to run the application. This documentation provides a single source of truth when setting up the development environment from scratch. <ul style="list-style-type: none"> <li>○ Farhan Ghazi writes up the guide on setting the development environment up and getting the application</li> </ul> </li> </ul>
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<ul style="list-style-type: none"> <li>• Utilise pull requests and perform code reviews. <ul style="list-style-type: none"> <li>○ Tim Huang checks Github daily to ensure members are following the Agile practice of pull requests and code reviews. This prevents unnecessary merges into the master branch.</li> <li>○ <b>This worked well. Branches were subject to peer code reviews before being merged into the master branch. Ensured more agile development and prevented the master branch from breaking due to merges.</b></li> </ul> </li> <li>• Set up the README for our github repo so that</li> </ul>			<p>running on the github README.</p>
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<p>it shows the steps to run the application. This documentation provides a single source of truth when setting up the development environment from scratch.</p> <ul style="list-style-type: none"> <li>○ Farhan Ghazi writes up the guide on setting the development environment up and getting the application running on the github README.</li> <li>○ <b>Due to continued updates to our backend, it was best to hold off writing up an official documentation. Will endeavour to complete in future sprints.</b></li> </ul>			
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