Daily Scrum

# Day 1:

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| **Team Members** | **What I have done since the previous scrum?** |
| Fan Jia Xiong: | * Discussion with the team to split the task to each member so each member will have a task to work on. * Brainstorming on the chart together. |
| Chek Yi Kai: | * Team leader allocates tasks for each member and each one of us got our tasks. * Brainstormed the glow of the program together with fellow group members. |
| Hu Jialing Jasmine: | * Brainstorming about the different menu and workflow of the student attendance program with my team member. |
| Nant Shun Lei Yee Win: | * Discussion with the whole team about what functions and flows are needed for the chart so the team leader could allocate the tasks for each member. |
| Yap Jia Ying Veronica: | * Discussion on the content for the chart together with the team. Team leader allocates the task for each team member. |

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| **Team Members** | **What I am going to accomplish before the next scrum?** |
| Fan Jia Xiong: | * Complete the chart with the tasks allocated for each member. * Start off the first task which is 3.1 CSV Export story. |
| Chek Yi Kai: | * Define data model for student attendance. * Create data model using interface. * Created a text file and import to Excel. Used it to populate the data in Eclipse and did a string split to remove the commas in the data. |
| Hu Jialing Jasmine: | * Come out a list of menu and description of workflow of the student attendance program with my team before coding. |
| Nant Shun Lei Yee Win: | * Finish the functions and flows for the chart together with the whole team. |
| Yap Jia Ying Veronica: | * Complete the chart together with the team and start the task allocated. |

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| **Team Members** | **Problems faced?** |
| Fan Jia Xiong: | * Need to balance the workload for each member and the need to split each task based on the strengths of each member. |
| Chek Yi Kai: | * Had pair programming discussion with fellow group member and both of us have different opinions on how the code should be written. |
| Hu Jialing Jasmine: | * As everyone has a different perspective of the workflow, thus I have to find the best way to implement this program and have a same mindset with my fellow team members. |
| Nant Shun Lei Yee Win: | * No major problems. |
| Yap Jia Ying Veronica: | * Team had different views on the system, we had to find a way so that everyone is in sync. |

# Day 2:

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| **Team Members** | **What I have done since the previous scrum?** |
| Fan Jia Xiong: | * After the tasks are allocated and completed the chart, I went to look into all the user stories to get an rough idea on how to start with the coding. In addition, I discussed with the other team members who is allocated the same task as I was doing. |
| Chek Yi Kai: | * Drafted out a general idea of how the program flow should be like. * Created the class files for students and grades for the program. |
| Hu Jialing Jasmine: | * Code the different menu and created different classes needed. |
| Nant Shun Lei Yee Win: | * Documented Task (1) and (2) into ‘tasks in progress’ in sprint burndown chart for both PBI #1 and PBI #2 using Powerpoint. |
| Yap Jia Ying Veronica: | * Analyse the user stories and discussion with fellow team members. |

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| **Team Members** | **What I am going to accomplish before the next scrum?** |
| Fan Jia Xiong: | * Plan out the class files needed and discuss it with fellow team members needing the files. |
| Chek Yi Kai: | * Implementation of the class files into the main class after creating the class files. * Implement the switch case for the menu options. |
| Hu Jialing Jasmine: | * System should be able to switch between different menus and I will create the methods for each option in the menu |
| Nant Shun Lei Yee Win: | * Document the next tasks progress in the sprint burndown chart. |
| Yap Jia Ying Veronica: | * Discussion for the student class files needed for the system. |

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| **Team Members** | **Problems faced?** |
| Fan Jia Xiong: | * Not sure what are the classes needed as I was doing a grading system for the first time, |
| Chek Yi Kai: | * Some errors along the way as we were not familiar with the usage of switch case methods. Debugged before it is able to work fully. |
| Hu Jialing Jasmine: | * Need to research and explore the use of switch case as I have not use it before. |
| Nant Shun Lei Yee Win: | * Difficulties understanding on the construction of the graph for the documentation. |
| Yap Jia Ying Veronica: | * No major problem. |

# Day 3:

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| **Team Members** | **What I have done since the previous scrum?** |
| Fan Jia Xiong: | * Created ‘course’ class file and implemented the basic structure of the code and the menu system. |
| Chek Yi Kai: | * Successfully created the menu options. * Implemented various class files into the main class. |
| Hu Jialing Jasmine: | * Completed with the menus and some methods in the student attendance system. |
| Nant Shun Lei Yee Win: | * Documented down Task (3), (4) and (5) of PBI #1 in “tasks in progress”. * Documented down Task (1) and (2) as “Tasks completed”. * Documented down Task (1) and (2) of PBI #2 as “tasks in progress”. * Construction of the graph using Powerpoint |
| Yap Jia Ying Veronica: | * Created the student class file needed for the system. |

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| **Team Members** | **What I am going to accomplish before the next scrum?** |
| Fan Jia Xiong: | * Complete the import function. |
| Chek Yi Kai: | * Validation of the codes. * Make sure there are no bugs found and that the program runs smoothly. * Check against the requirements list while doing the validation and testing. |
| Hu Jialing Jasmine: | * Complete all the methods and start doing the validation of the codes. |
| Nant Shun Lei Yee Win: | * Continue to document down the ‘task progress’ and research on how to construct the graph for documentation. |
| Yap Jia Ying Veronica: | * Complete the export function |

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| **Team Members** | **Problems faced?** |
| Fan Jia Xiong: | * No major problems. |
| Chek Yi Kai: | * Missed out an extra function during implementation which allows user to key in their username and password. |
| Hu Jialing Jasmine: | * No major problems. |
| Nant Shun Lei Yee Win: | * No major problems. |
| Yap Jia Ying Veronica: | * Exporting function requires a few validation. Eg. If the course is added into the csv file, if the number of student completed the course, etc. |

# Day 4:

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| **Team Members** | **What I have done since the previous scrum?** |
| Fan Jia Xiong: | * Completed the import function. * Integrate the code with other functions done by other team members and validate the system. |
| Chek Yi Kai: | * Validation of codes and check them against requirements list. * Discover about a lack of function in the program. |
| Hu Jialing Jasmine: | * Completed the program methods and started doing the validation of the system. |
| Nant Shun Lei Yee Win: | * Documented down Task (1), (2) and (3) of PBI #2 as completed. |
| Yap Jia Ying Veronica: | * Completed export function. |

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| **Team Members** | **What I am going to accomplish before the next scrum?** |
| Fan Jia Xiong: | * Complete all the validation and integration of the system. |
| Chek Yi Kai: | * Implement the login function by creating string variable for username and password first. * Set username and password through hardcoding. * Used scanner class to read the input for both the username and password and through the authenticate function, both inputs are ensured that they are correct so the user would be able to view and use the menu to proceed, else it will return an error message. The checking of username and password was done by wrapping the ‘if’ statement at the back of the authentication method. |
| Hu Jialing Jasmine: | * Complete all the validations and test the system. |
| Nant Shun Lei Yee Win: | * Document down the tasks left in the ‘task progress’ for both PBI (1) and (2) |
| Yap Jia Ying Veronica: | * Help out in the integration of the system. |

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| **Team Members** | **Problems faced?** |
| Fan Jia Xiong: | * Needs discussion with fellow team member as I was unsure about the codes done by her. |
| Chek Yi Kai: | * Upon debugging, we realised that one student can actually take more than one course, hence we have to find a solution to not allow tutor to duplicate the data. |
| Hu Jialing Jasmine: | * Student can take more than one course thus I have to think how I should avoid giving the tutor duplicated data. |
| Nant Shun Lei Yee Win: | * No major problems. |
| Yap Jia Ying Veronica: | * Test the system and discuss with fellow team members to ensure that the integration is successful. |

# Day 5:

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| **Team Members** | **What I have done since the previous scrum?** |
| Fan Jia Xiong: | * Finish the functions left which is selecting all the grades for a single student. |
| Chek Yi Kai: | * Completed login and authentication of the function. |
| Hu Jialing Jasmine: | * Completed all the validations and testing of the system. |
| Nant Shun Lei Yee Win: | * Completed the documentation for the daily scrums and sprint burndown chart. |
| Yap Jia Ying Veronica: | * Testing of the system. |

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| **Team Members** | **What I am going to accomplish before the next scrum?** |
| Fan Jia Xiong: | * Do a full system check to eliminate bugs and errors. |
| Chek Yi Kai: | * Integration of the system into github. * Test the system to make sure there are no more bugs or any technical glitch upon integrating the system. |
| Hu Jialing Jasmine: | * Allow the team to test what I’ve done to fix any bugs if there is. |
| Nant Shun Lei Yee Win: | * Integrate all the documentation and help fellow group members to test the system. |
| Yap Jia Ying Veronica: | * Integrate the documentation for the group. |

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| **Team Members** | **Problems faced?** |
| Fan Jia Xiong: | * Some time is needed to test the system. |
| Chek Yi Kai: | * Integration of system and combination of different source codes has its difficult as additional time is needed. |
| Hu Jialing Jasmine: | * Testing of the system requires some time. |
| Nant Shun Lei Yee Win: | * No major problems. |
| Yap Jia Ying Veronica: | * No major problems. |