**Activity Log**

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| **Date :** 5 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i)As an admin, I could add a new menu so that our customer can order our new menu | | | |
| **Discussion:**  i) Design for add menu user interface.  ii) Coding for the add menu function.  iii) Check if the add menu function can be run without bugs or errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan the necessary input fields for add menu interface. | 10 minutes | Ong Xiang, Vijayo Wee Sheng Hao |
| 2. | Design and sketch on paper the design for add menu user interface. | 20 minutes | Ong Xiang, Vijayo Wee Sheng Hao |
| 3. | Write the codes for add menu user interface. | 1 hour | Ong Xiang, Vijayo Wee Sheng Hao |
| 4. | Plan and write down the logic flow of the add menu function on paper. | 15 minutes | Chan Ken Feng |
| 5. | Create database class for add menu function. | 15 minutes | Vijayo Wee Sheng Hao |
| 6. | Write source codes for the add menu function and input validations. | 4 hours | Chan Ken Feng, Vijayo Wee Sheng Hao |
| 7. | Test the user input and its validation for add menu function. | 20 minutes | Chan Ken Feng |
| 8. | Test the passing of data to the database. | 15 minutes | Ong Xiang |
| 9. | Fix the errors and bugs that appeared on validation and data passing to database. | 55 minutes | Chan Ken Feng |
| **Problem that affected member:**  i) User interface sketched by Vijayo Wee Sheng Hao might be too messy.  ii) The input validation done by Chan Ken Feng was bugged. | | | |

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| **Date :** 6 December 2016 (Tuesday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, I can search menu so that I can view the menu detail. | | | |
| **Discussion:**  i) Design for the search menu user interface.  ii) How to code the search menu function.  iii) Check if the search menu function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for search menu function. | 15 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 2. | Write the codes for search menu user interface. | 1 hour | Choo Chyau Hoong, Ong Kai Lun |
| 3. | Plan how the code run for search menu function | 30 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 4. | Check online for retrieve data from database codes. | 15 minutes | Ong Kai Lun |
| 5. | Write the codes for search menu function. | 2 hours 45 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 6. | Test the search menu function and input validation for bugs and errors. | 30 minutes | Ong Kai Lun, Vijayo Wee Sheng Hao |
| 7. | Fix the errors and bugs that appeared. | 1 hour | Choo Chyau Hoong, Vijayo Wee Sheng Hao |
| **Problem that affected member:**  i) The codes search menu function by Ong Kai Lun dad not work.  ii) The user input validation codes by Ong Kai Lun had bugs. | | | |

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| **Date :** 8 December 2016 (Thursday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, I can delete menu so that unwanted menu are removed. | | | |
| **Discussion:**  i) Design for the delete menu user interface.  ii) Coding for the delete menu function.  iii) Check if the delete menu function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for delete menu function. | 15 minutes | Ong Xiang |
| 2. | Write the codes for delete menu user interface. | 1 hour | Choo Chyau Hoong, Ong Xiang |
| 3. | Plan the code logic and structure for delete menu function. | 15 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 4. | Write the codes for delete menu function. | 2 hours 30 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 5. | Test the validation for menu ID input and delete menu from database. | 1 hour | Ong Kai Lun, Ong Xiang |
| 6. | Fix the errors and bugs that appears. | 1 hour | Ong Kai Lun, Ong Xiang |
| **Problem that affected member:**  i) The delete menu codes by Choo Chyau Hoong cannot delete the menu details. | | | |

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| **Date :** 9 December 2016 (Friday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin , i can update menu detail so that the menu information is up to date. | | | |
| **Discussion:**  i) Design for the update menu user interface.  ii) Coding for the update menu function.  iii) Check if the update menu function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for update menu function. | 30 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 2. | Write the codes for update menu user interface. | 1 hour | Choo Chyau Hoong, Ong Kai Lun |
| 3. | Plan the code logic flow for update menu function. | 30 minutes | Chan Ken Feng, Ong Kai Lun |
| 4. | Write the codes for update menu function. | 2 hours 30 minutes | Chan Ken Feng, Ong Kai Lun |
| 5. | Test the input validation and update menu in database | 30 minutes | Choo Chyau Hoong |
| 6. | Fix the errors and bugs that appears. | 1 hour | Choo Chyau Hoong, Chan Ken Feng |
| **Problem that affected member:**  i) The user interface design of Ong Kai Lun might be too clustered.  ii) The update menu codes of Chan Ken Feng is not working. | | | |

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| **Date :** 12 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, i can create new staff so that the new staff can use the new system | | | |
| **Discussion:**  i) Design for add new staff user interface.  ii) Coding for the add new staff function.  iii) Check if the add new staff function can be run without bugs or errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan the necessary input fields for add new staff interface. | 10 minutes | Ong Xiang, Ong Kai Lun |
| 2. | Design and sketch on paper the design for add new staff user interface. | 20 minutes | Ong Xiang, Ong Kai Lun |
| 3. | Write the codes for add new staff user interface. | 1 hour | Ong Xiang, Ong Kai Lun |
| 4. | Plan and write down the logic flow of the add new staff function on paper. | 15 minutes | Chan Ken Feng |
| 5. | Create database class for add new staff function. | 15 minutes | Ong Kai Lun |
| 6. | Write source codes for the add new staff function and input validations. | 4 hours | Chan Ken Feng, Ong Kai Lun |
| 7. | Test the user input and its validation for add new staff function. | 20 minutes | Chan Ken Feng |
| 8. | Test the passing of data to the database. | 15 minutes | Ong Xiang |
| **Problem that affected member:**  i) User interface lacks of consistency by Ong Kai Lun.  ii) The input validation by Ong Xiang is not enough. | | | |

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| **Date :** 13 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, I can search for staff so that i can view the staff details more detail. | | | |
| **Discussion:**  i) Design for the search staff user interface.  ii) How to code the search staff function.  iii) Check if the search staff function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for search staff function. | 15 minutes | Choo Chyau Hoong, Chan Ken Feng |
| 2. | Write the codes for search staff user interface. | 1 hour | Choo Chyau Hoong, Chan Ken Feng |
| 3. | Plan how the code run for search staff function | 30 minutes | Choo Chyau Hoong, Chan Ken Feng |
| 4. | Check online for retrieve data from database codes. | 15 minutes | Chan Ken Feng |
| 5. | Write the codes for search staff function. | 2 hours 45 minutes | Choo Chyau Hoong, Chan Ken Feng |
| 6. | Test the search staff function and input validation for bugs and errors. | 30 minutes | Chan Ken Feng, Vijayo Wee Sheng Hao |
| 7. | Fix the errors and bugs that appeared. | 1 hour | Choo Chyau Hoong, Ong Xiang |
| **Problem that affected member:**  i) The code done by Chan Ken Feng couldn’t run.  ii) The input by Vijayo Wee Sheng Hao has problems. | | | |

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| **Date :** 14 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, i can update staff so that the staff personal details is up to date. | | | |
| **Discussion:**  i) Design for the update staff user interface.  ii) Coding for the update staff function.  iii) Check if the update staff function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for update staff function. | 30 minutes | Choo Chyau Hoong, Ong Xiang |
| 2. | Write the codes for update staff user interface. | 1 hour | Choo Chyau Hoong, Ong Xiang |
| 3. | Plan the code logic flow for update staff function. | 30 minutes | Chan Ken Feng, Ong Xiang |
| 4. | Write the codes for update staff function. | 2 hours 30 minutes | Chan Ken Feng, Ong Xiang |
| 5. | Test the input validation and update staff in database | 30 minutes | Choo Chyau Hoong |
| 6. | Fix the errors and bugs that appears. | 1 hour | Choo Chyau Hoong, Chan Ken Feng |
| **Problem that affected member:**  i) The UI done by Chan Ken Feng is too messy.  ii) The update staff coding by Choo Chyau Hoong is a little bit inefficient. | | | |

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| **Date :** 15 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, i can delete staff so that the resigned staff information can be removed from the system. | | | |
| **Discussion:**  i) Design for the delete staff user interface.  ii) Coding for the delete staff function.  iii) Check if the delete staff function and input validation can be run without errors.  iv) Fix any errors or bugs | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan and design the user interface for delete staff function. | 15 minutes | Chan Ken Feng |
| 2. | Write the codes for delete staff user interface. | 1 hour | Choo Chyau Hoong, Chan Ken Feng |
| 3. | Plan the code logic and structure for delete staff function. | 15 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 4. | Write the codes for delete staff function. | 2 hours 30 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 5. | Test the validation for staff ID input and delete menu from database. | 1 hour | Ong Kai Lun, Choo Chyau Hoong |
| 6. | Fix the errors and bugs that appears. | 1 hour | Ong Kai Lun, Chan Ken Feng |
| **Problem that affected member:**  i) The delete coding done by Chan Ken Feng is not functioning. | | | |

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| **Date :** 19 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As a customer, i can make payment so that i can complete the order | | | |
| **Discussion:**  i) Decide what input data should be required.  ii) Decide the user interface should looks like.  iii) Decide how to code it. | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Searched the reference for the ordering module to understand what data is required. | 15 minutes | Vijayo Wee Sheng Hao |
| 2. | Sketched the required data on the paper | 10 minutes | Chan Ken Feng |
| 3. | Started code for the payment function, | 20minutes | Vijayo Wee Sheng Hao,Choo Chyau Hoong |
| 4. | Searched the reference for user interface of payment module. | 15minutes | Chan Ken Feng |
| 5. | Sketched the user interface on a piece of paper. | 20 minutes | Chan Ken Feng, Vijayo Wee Sheng Hao |
| 6. | Checked the basic requirement from the user interface is fulfilled. | 10minutes | Chan Ken Feng, Choo Chyau Hoong |
| 7. | Design the user interface based on the paper that sketched. | 35 minutes | Vijayo Wee Sheng Hao, Chan Ken Feng |
| **Problem that affected member:**  i) Tooks long time to think the design by Vijayo Wee Sheng Hao.  ii) No idea how to code the user interface by Choo Chyau Hoong. | | | |

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| **Date :** 20 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As an admin, i can generate and print reports so that i can view the report details that i need. | | | |
| **Discussion:**  i) Discuss the design of the report.  ii) Discuss how the coding should be done.  iii) Plan what data to display on the report. | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan the data to be displayed on report. | 20 minutes | Ong Xiang, Vijayo Wee Sheng Hao |
| 2. | Design the look of the report. | 30 minutes | Ong Xiang, Vijayo Wee Sheng Hao |
| 3. | Write codes to make the report function. | 2 hour | Ong Xiang, Vijayo Wee Sheng Hao |
| 4. | Write logic flow to generate report. | 15 minutes | Ong Kai Lun |
| 5. | Connects the button to show report. | 15 minutes | Vijayo Wee Sheng Hao |
| 6. | Test the display of the report. | 30 minutes | Chan Ken Feng, Vijayo Wee Sheng Hao |
| 7. | Fix any errors happened in the report. | 1 hour | Ong Kai Lun |
| **Problem that affected member:**  i) Date and time data are having problems by Ong Xiang.  ii) The report generated have layout errors by Ong Kai Lun. | | | |

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| **Date :** 21 December 2016 (Monday) | | 2nd Iteration | |
| **User stories involved:**  i) As a customer, i can print receipt so that i can see what transaction have been made | | | |
| **Discussion:**  i) Discuss the design of the receipt  ii) Discuss how to link to the generate receipt after payment.  iii) Decide what coding technique to used to generate receipt. | | | |
| **No** | **What have been done today** | **Time Spent** | **Member Involved** |
| 1. | Plan the necessary data to be display on the receipt. | 10 minutes | Vijayo Wee Sheng Hao |
| 2. | Design the look of the receipt. | 30 minutes | Ong Kai Lun, Vijayo Wee Sheng Hao |
| 3. | Write down logic flow to link to the receipt. | 10 minutes | Choo Chyau Hoong, Ong Kai Lun |
| 4. | Write coding to generate the receipt. | 2 hour | Choo Chyau Hoong, Vijayo Wee Sheng Hao |
| 5. | Test the print receipt function. | 1 hour | Ong Kai Lun, Vijayo Wee Sheng Hao |
| 6. | Fix errors while printing receipt. | 45 minutes | Choo Chyau Hoong, Ong Kai Lun |
| **Problem that affected member:**  i) Receipt data could not successfully display out by Ong Kai Lun.  ii) The receipt is oversized by Vijayo Wee Sheng Hao. | | | |