

De La Salle University

College of Computer Studies

Software Technology Department

**Rare Global Food Trading Corp.**

PROJECT PLAN

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| --- | --- |
| **Team Name** | **Team FONG** |
| **Section** | S22 |
| **Team Members** | Arceo III, Rodolfo S.  David, Liudger Franco D.  Flores, Jan Patrick L.  Fong, Hillary Ross C.  Lim, Thomas Kendrick V.  Mendoza, Dane T.  Ocampo, Royce Clarenz C.  Sey, Wayenard Y.  Tee, Paulina Grace C.  Valle, Jose Erin J. |
| **Date Submitted** | March 6, 2016 |

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1. **Product Backlog**

*This section lists down all the user stories and the specific tasks to accomplish them.*

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| **User Story #1:** The administrative officers can add a new client order. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Hillary Fong, Rod Arceo, Wayenard Sey | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Design and create table for order management database | 2 hours | Rod Arceo |
| 3 | Connect SQL to Java | 5 minutes | Rod Arceo |
| 4 | Create table in database | 30 minutes | Rod Arceo |
| 5 | Create the add function | 2 hours and 30 minutes | Rod Arceo |
| 6 | Add error checkings | 2 hours | Rod Arceo |
| 7 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #2:** The administrative officers can view the total number of client orders of each product based on the delivery due date or client name. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Hillary Fong, JP Flores, Wayenard Sey | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | JP Flores |
| 3 | Create the view function with filter base on the date specified or client name | 2 hours and 30 minutes | JP Flores |
| 4 | Create function to add the total quantity per product | 2 hours and 30 minutes | JP Flores |
| 5 | Add error checkings | 2 hours | JP Flores |
| 6 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #3:** The administrative officers can view all, pending, or delivered client orders. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 80 | |
| **Assigned to:**  Hillary Fong, JP Flores, Wayenard Sey | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | JP Flores |
| 3 | Create the view all, pending, or delivered function | 3 hours and 30 minutes | JP Flores |
| 4 | Add error checkings | 3 hours and 30 minutes | JP Flores |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #4:** The administrative officers will modify a client order. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Hillary Fong, Rod Arceo, Wayenard Sey | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | Rod Arceo |
| 3 | Create function to modify values/parameters of client order | 4 hours | Rod Arceo |
| 4 | Add error checkings | 3 hours | Rod Arceo |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #5:** The administrative officers will delete the cancelled client order to update the database. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 60 | |
| **Assigned to:**  Hillary Fong, JP Flores, Wayenard Sey | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | JP Flores |
| 3 | Create function to delete an order | 4 hours | JP Flores |
| 4 | Add error checkings | 3 hours | JP Flores |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #6:** The administrative officers will delete all delivered client orders. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 60 | |
| **Assigned to:**  Hillary Fong, JP Flores, Wayenard Sey | | | |
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| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | JP Flores |
| 3 | Create function to delete all delivered orders | 4 hours | JP Flores |
| 4 | Add error checkings | 3 hours | JP Flores |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Wayenard Sey |

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| **User Story #7:** The administrative officers can mark a client order as delivered. | | | |
| **Total Estimate (Days):** 1 day | | **Priority:** 100 | |
| **Assigned to:**  Hillary Fong, Franco David, Thomas Lim | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 2 hours | Hillary Fong |
| 2 | Connect SQL to Java | 5 minutes | Franco David |
| 3 | Create function to change the delivery status of a client order | 4 hours | Franco David |
| 4 | Add error checkings | 1 hour | Franco David |
| 5 | Test the system based on acceptance criteria | 55 minutes | Thomas Lim |

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| **User Story #8:** The administrative officers will add new products to update the product list database. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Jose Valle, Royce Ocampo, Dane Mendoza | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Jose Valle |
| 2 | Design and create table for product list database | 2 hours | Royce Ocampo |
| 3 | Connect SQL to Java | 5 minutes | Royce Ocampo |
| 4 | Create function to add a product in the database | 2 hours and 30 minutes | Royce Ocampo |
| 5 | Add error checkings | 2 hours | Royce Ocampo |
| 6 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Dane Mendoza |

The administrative officers can mark a client order as delivered.

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| **User Story #9:** The administrative officers will modify the product details in the product list database. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Jose Valle, Royce Ocampo, Dane Mendoza | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Jose Valle |
| 2 | Connect SQL to Java | 5 minutes | Royce Ocampo |
| 3 | Create function to modify values/parameters of a product | 5 hours | Royce Ocampo |
| 4 | Add error checkings | 2 hours | Royce Ocampo |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Dane Mendoza |

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| **User Story #10:** The administrative officers will delete a product from the product list database. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 70 | |
| **Assigned to:**  Jose Valle, Royce Ocampo, Dane Mendoza | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Jose Valle |
| 2 | Connect SQL to Java | 5 minutes | Royce Ocampo |
| 3 | Create function to delete a product from database | 4 hours | Royce Ocampo |
| 4 | Add error checkings | 3 hours | Royce Ocampo |
| 5 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Dane Mendoza |

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| **User Story #11:** The administrative officers can search for a product to know its information. | | | |
| **Total Estimate (Days):** 3 days | | **Priority:** 70 | |
| **Assigned to:**  Jose Valle, Rod Arceo, Dane Mendoza | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 6 hours | Jose Valle |
| 2 | Connect SQL to Java | 5 minutes | Rod Arceo |
| 3 | Create function to search for a product | 9 hours | Rod Arceo |
| 4 | Create function to display the matching products and their details (product information and inventory status) | 3 hours | Rod Arceo |
| 5 | Add error checkings | 3 hours | Rod Arceo |
| 6 | Test the system based on acceptance criteria | 2 hours and 55 minutes | Dane Mendoza |

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| **User Story #12:** The administrative officers will view all the products in the product list database. | | | |
| **Total Estimate (Days):** 1 day | | **Priority:** 100 | |
| **Assigned to:**  Jose Valle, Royce Ocampo, Dane Mendoza | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 4 hours | Jose Valle |
| 2 | Connect SQL to Java | 5 minutes | Royce Ocampo |
| 3 | Create function to view all company’s products which are sorted by their types and names | 2 hours | Royce Ocampo |
| 4 | Add error checkings | 1 hour | Royce Ocampo |
| 5 | Test the system based on acceptance criteria | 55 minutes | Dane Mendoza |

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| **User Story #13:** The administrative officers will add or subtract quantities of product in the inventory if either deposit or withdrawal slip is received to reflect the changes in products in the warehouse. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Paulina Tee, Franco David, Thomas Lim | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 5 hours | Paulina Tee |
| 2 | Connect SQL to Java | 5 minutes | Franco David |
| 3 | Create function to add entries to the inventory management database | 4 hours | Franco David |
| 4 | Create function to delete entries to the inventory management database | 4 hours | Franco David |
| 5 | Add error checkings | 2 hours | Franco David |
| 6 | Test the system based on acceptance criteria | 55 minutes | Thomas Lim |

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| **User Story #14:** The administrative officers will view the history of deposit and withdrawal of the inventory. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 100 | |
| **Assigned to:**  Paulina Tee, Rod Arceo, Thomas Lim | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 4 hours | Paulina Tee |
| 2 | Connect SQL to Java | 5 minutes | Rod Arceo |
| 3 | Create function to view deposit and withdrawal by product | 4 hours and 30 minutes | Rod Arceo |
| 4 | Create function to view deposit and withdrawal by date range | 4 hours and 30 minutes | Rod Arceo |
| 5 | Add error checkings | 2 hours | Rod Arceo |
| 6 | Test the system based on acceptance criteria | 55 minutes | Thomas Lim |

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| **User Story #15:** The administrative officers will modify an inventory entry | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 60 | |
| **Assigned to:**  Paulina Tee, Franco David, Thomas Lim | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 4 hours | Paulina Tee |
| 2 | Connect SQL to Java | 10 minutes | Franco David |
| 3 | Create function to edit product in the inventory management database | 3 hours | Franco David |
| 4 | Create function to edit product quantity in the inventory management database | 3 hours | Franco David |
| 5 | Create function to edit product status(deposit or withdraw) in the inventory management database | 3 hours | Franco David |
| 6 | Add error checkings | 2 hours | Franco David |
| 7 | Test the system based on acceptance criteria | 50 minutes | Thomas Lim |

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| **User Story #16:** The administrative officers will delete inventory entries that were placed within a specific date range. | | | |
| **Total Estimate (Days):** 2 days | | **Priority:** 60 | |
| **Assigned to:**  Paulina Tee, Franco David, Thomas Lim | | | |
|  | | | |
| **Task #** | **Task Description** | **Effort Estimate (hours/days)** | **Assigned to** |
| 1 | Create the GUI of the page | 4 hours | Paulina Tee |
| 2 | Connect SQL to Java | 5 minutes | Franco David |
| 3 | Create function to search and display inventory entries by date range | 4 hours and 30 minutes | Franco David |
| 4 | Create function to delete inventory entries by date range | 4 hours and 30 minutes | Franco David |
| 5 | Add error checkings | 2 hours | Franco David |
| 6 | Test the system based on acceptance criteria | 55 minutes | Thomas Lim |

1. **Iteration Plan**

*This section details how the different user stories are divided and prioritized in iterations.*

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| **User Stories** | **Iteration 1**  **Feb 16 - Mar 16** | **Iteration 2**  **Mar 23 – Apr 20** |
| 1 - Add new client order | √ |  |
| 2 - View client orders based on due date and client name | √ |  |
| 3 - View all, pending, delivered client orders | √ |  |
| 4 - Modify client order |  | √ |
| 5 - Delete single client order |  | √ |
| 6 - Delete all delivered client orders |  | √ |
| 7 - Mark an order as delivered | √ |  |
| 8 - Add new product | √ |  |
| 9 - Modify product |  | √ |
| 10 - Delete product |  | √ |
| 11 - Search product |  | √ |
| 12 - View product of company | √ |  |
| 13 - Deposit or withdraw product from inventory |  | √ |
| 14 - Inventory history |  | √ |
| 15 - Modify inventory entry |  | √ |
| 16 - Delete multiple inventory entry within a date range |  | √ |