|  |  |
| --- | --- |
| Name | R. #1 Entry load information |
| Resumen | Entry the information of load and is saved. |
| Inputs | |
| Boxes quantity, weight per box, load type | |
| Outputs | |
| Load information is saved. | |

|  |  |
| --- | --- |
| Name | R. #2 Load ship |
| Resumen | Load the ship with the total weight of loads. |
| Inputs | |
| Total weight. | |
| Outputs | |
| ship weight is saved. | |

|  |  |
| --- | --- |
| Name | R. #3 Unload ship |
| Resumen | unload the ship by rebooting the total weight. |
| Inputs | |
|  | |
| Outputs | |
| Ship is empty. | |

|  |  |
| --- | --- |
| Name | R. #4 Ship sail |
| Resumen | Analyze the conditions of loads and determinate if the ship can sail or not. |
| Inputs | |
| Loads. | |
| Outputs | |
| Boolean. | |

|  |  |
| --- | --- |
| Name | R. #5 Calculate value paid |
| Resumen | Analyze the conditions of loads and determinate if the ship can sail or not. |
| Inputs | |
| Calculate the total value paid by the client. | |
| Outputs | |
| Save the value paid. | |

|  |  |
| --- | --- |
| Name | R. #6 Weight sent by client |
| Resumen | Accumulates the total weight transported sent by the client and then is saved it. |
| Inputs | |
|  | |
| Outputs | |
| Total weight sent is saved. | |

|  |  |
| --- | --- |
| Name | R. #7 Calculate total load weight |
| Resumen | Calculate the total load weight |
| Inputs | |
| Boxes quantity, weight per box. | |
| Outputs | |
| return total load weight | |

|  |  |
| --- | --- |
| Name | R. #8 Calculate client type |
| Resumen | Calculate the category of client between normal, silver, gold and platinum. |
| Inputs | |
| Total value paid, total kg sent. | |
| Outputs | |
| Set the new category. | |

|  |  |
| --- | --- |
| Name | R. #9 Apply discount |
| Resumen | Apply discount depend of client category. |
| Inputs | |
| Parcial value, client type | |
| Outputs | |
| Set the new value | |