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REQUERIMIENTOS FUNCIONALES LAB 3

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| --- | --- |
| Name | Entry client information |
| Description | Entry the information of client and is saved. |
| Inputs | Client name, register number, day, month and year of expedition. |
| Outputs | Client information is saved. |

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| Name | Entry load information |
| Description | Entry the information of load and is saved. |
| Inputs | Boxes quantity, weight per box, load type. |
| Outputs | Load information is saved. |

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| Name | Load ship |
| Description | Load the ship with the total weight of loads. |
| Inputs | Total weight. |
| Outputs | Ship weight is saved. |

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| Name | Unload ship |
| Description | unload the ship by rebooting the total weight. |
| Inputs | Set total weight to cero. |
| Outputs | Ship is empty. |

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| Name | Ship sail |
| Description | Analyze the conditions of loads and determinate if the ship can sail or not. |
| Inputs | Loads. |
| Outputs | Boolean. |

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| Name | Calculate value paid |
| Description | Calculate the total value paid by the client. |
| Inputs | Value of load type, total load weight. |
| Outputs | Save the value paid. |

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| Name | Weight sent by client |
| Description | Accumulates the total weight transported sent by the client and then is saved it. |
| Inputs |  |
| Outputs | Total weight sent is saved. |

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| Name | Calculate total load weight |
| Description | Calculate the total load weight |
| Inputs | Boxes quantity, weight per box. |
| Outputs | return total load weight |

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

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| --- | --- |
| Name | Apply discount |
| Description | Apply discount depend of client category. |
| Inputs | Parcial value, client type |
| Outputs | Set the new value. |