A User Guide to Robbie Robot Shop Managing Software System

Robbie Robot shop uses a program build from C++ to run its business. Having made progress from command line interface (CLI) program to graphical User Interface (GUI), this short manual describes the usage of software which will be used at Robbie Robot shop. The users of this software are divided into three groups namely Product Manager (PM), Beloved Customer (BC), Sale’s Associate (AS), and Pointed head Boss (PB).

When the software is first ran, a window is popped up. This window will have a title bar and a menu bar. The menu bar has three tabs namely create, view and help. As the name suggests, create tab will create the desired components that will be recorded in the system. The view table will allow the components created in the system. The help will pop up a window describing the usage of the software in brief.

As a Product Manager, the user will first create each robot parts that will be used to create a robot model. Each robot model should have at least an arm, a head, battery, locomotor, and torso. When a user click on create> Create Robot Parts, a dialog will pop up in the separate window. This window will have the following robot part fields: Type, Name, Part Number, Weight, Cost, Description, Power consumed, No of arms, Energy, Max power, Max speed. Based on the type of robot part, these fields will be filled. For example, when defining a head, only first six fields are sufficient in describing a head. The other fields should be field by typing NA (Not applicable) to complete the dialog. Next to define robot models, a user should click on Create>Create Robot Model. A dialog box having following fields will pop up: Robot Name, Robot Number, and Robot price. This should be filed in to define a complete robot. Lastly, a user by clicking on Create>Create and Display Image, pictures of robot and robot parts can be added and displayed. In the image field to create an image, the name of the picture should be typed and click on Create Image button. To display the created image click on Display Image.

As a pointed head boss, information for the customer is created in the system. The user should click on Create>Create Customer. A dialog box is then popped up. The dialog box will have following fields: Customer name, Customer number, Customer wallet. After filling these fields, customer information is entered in the system. The user should then create info about sale’s associate. In order to create to enter sale’s associate information in the system, pointed head boss user should click on Create> Create Sale’s Associate. A dialog should then pop up containing the following fields: Associate name, Employee ID Number. Information for the sale’s associate is then entered in the system.

As a sale’s associate, a user can then create an order for the customer that is already in the system. To create an order, the user should click Create>Create Order, a dialog is then appeared containing the following field: Associate Number, Customer Number, Model Number and Order Date. These numbers represent the order in which they were initially created. In others words, create tab is use to create necessary components in the system.

In order to view, the components created in the system, a view tab is created so that the user can observe a desired information. Mostly this tab is for customer as an end user. In order to observe the robot parts in details, a user should click View>Display Robot Parts. In order to observe the robot models, a user should click on View>Display Robot Model. In order to observe the customer currently in the system, a user should click on View>Display Customer. In order to observe sale’s associate in the system, a user should click on View>Display Sale’s Associate. In order to observe the created orders in the system, a user should click on View> Display Orders. Finally help tab is there for quick help.