Login Screen

Begin program at login screen{

Textbox reads username;

Textbox reads password;

If (username = correct username & entered password = correct password)

{

Login to system and land at start screen with choices

}

Else

{

Message pop up(“This password is incorrect”);

}

}

Options Screen to Choose portion of system

Main screen{

Available button shown on page = order product;

Available button shown on page = search for parts;

Available button shown on page = out of stock parts;

If (user clicks order product)

{

Go to parts ordering screen;

}

Else if (user clicks search for parts)

{

Go to search page;

}

Else if (user clicks out of stock parts)

{

Show all out of stock parts;

}

Else

{

Wait for user action;

}

}

Order more product

Display all parts in the system{

Button to complete parts order with added parts;

Button to remove selected part;

If (user clicks part)

{

Add part to list of parts in ordering set;

}

Else if (user clicks remove part)

{

Remove selected part;

}

Else if (user clicks complete order)

{

Send selected parts order to manufacturer;

}

Else

{

Wait for user to click parts to add;

}

If (user clicks back button){

Return to main screen;

}

}

Search for parts in the system

Search page{

Drop down to filter parts by(case, mouse, keyboard, monitor, motherboard, hard drive);

Textbox allows user input;

If (input to textbox = name of item)

{

Display item that matches this name

}

Else if (input = serial number of item)

{

Display item with matching serial number;

}

Else if (drop down option = case)

{

Only show items in “case” list;

}

Else if (drop down option = mouse)

{

Only show items in “mouse” list;

}

Else if (drop down option = keyboard)

{

Only show items in “keyboard” list;

}

Else if (drop down option = monitor)

{

Only show items in “monitor” list;

}

Else if (drop down option = motherboard)

{

Only show items in “motherboard” list;

}

Else if (drop down option = hard drive)

{

Only show items in “hard drive” list;

}

Else

{

Message(“Unable to locate this part”);

}

If (user clicks back button)

{

Return to main screen;

}

}

Out of Stock Parts

Out of stock{

Button to order all out of stock items;

Button to complete order through manufacturer;

Display list of all items with inventory at 0;

If (User clicks order all)

{

Add all items to order;

}

Else if (user clicks complete order)

{

Send order to manufacturer;

}

Else if (user clicks back button)

{

Return to home screen;

}

}

Flow Chart









