



ADVANCE SOFTWARE ENGINEERING (CSSE-414)

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4th Semester

Group Members:

- | | |
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THE BURGER HUB

LAB 02

Requirement Analysis:

The basic phase of software development is the requirement gathering phase where the all sort of requirement is decided by the client in order to get a software or product for the feasibility and flexibility.

So we as a group decided to create software that deal with the Restaurant System and All the functionality with it. In Requirement Gathering Phase We Collaborate with Our Client he describe Us About the software he need.

In Order to get a proper Software the requirement must be clear to the Client As well as to the Developers.

So to Get rid of All paper works now world comes to the newly technology Era so in the Software there Are some basic Requirement to be done:

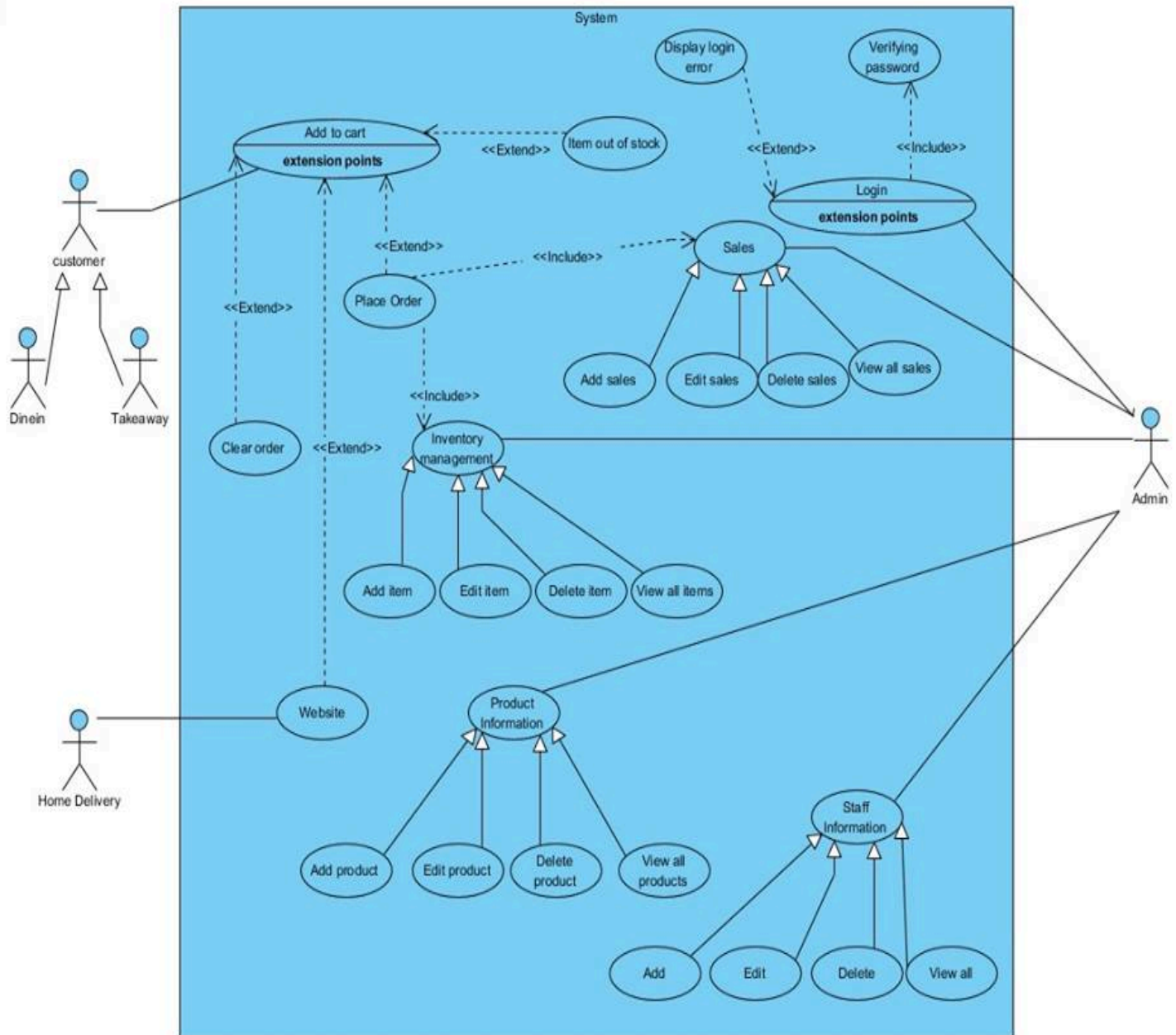
- Making Orders (dine In, Take Away, Delivery) and generating bills.
- To manage Inventory about the Billing of customers.
- To manage the inventory for the current bill of a customer to be Paid.
- Comprises of the two panel
 1. for user to Sign in
 2. Checking of inventory & Billing.

- Security of All data (staff info, sales history) in Sign in Form.
- To manage the Products inventory of a Restaurant.
- Online Food ordering for a customer At home to save Time.
- To have a proper Database to handle all orders as well as Inventory of the products.

The Software can be used anywhere to manage the Data of a Restaurant.

Reviewed By: **Customer, Designer, and System Analyst**.

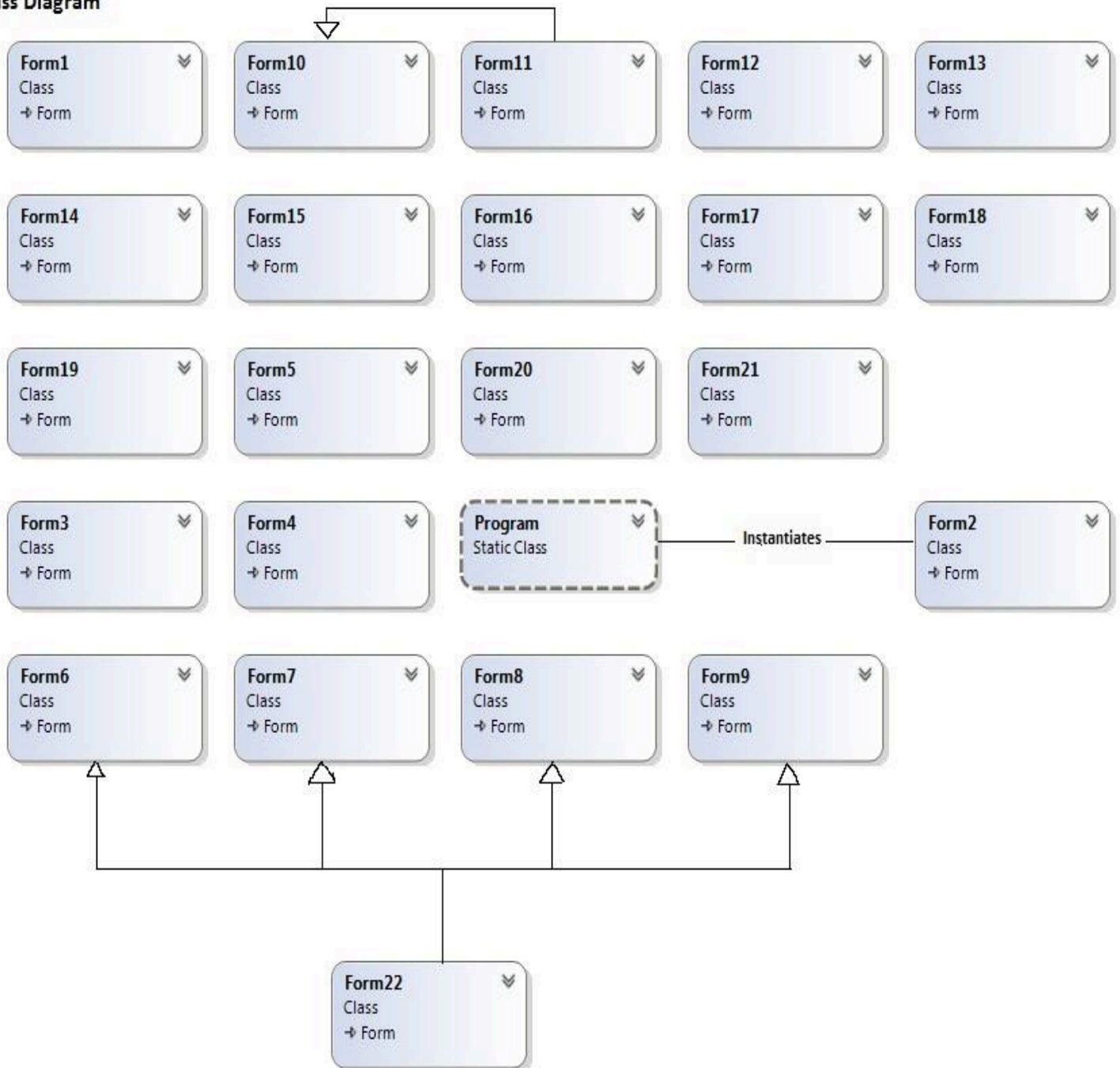
USE CASE



CLASS DIAGRAM

Collapse:

Class Diagram



Expanded:

Form8
Class
→ Form

Fields

- button1
- components
- dataGridView1
- label1

Methods

- button1_Click
- Dispose
- Form8
- Form8_Load
- InitializeCompo...
- label1_Click

Form9
Class
→ Form

Fields

- button1
- components
- dataGridView1
- label1

Methods

- button1_Click
- Dispose
- Form9
- Form9_Load
- InitializeCompo...

Form1
Class
→ Form

Fields

- components
- label1
- label2
- linkLabel1
- login
- password
- userName

Methods

- button1_Click
- Dispose
- Form1
- Form1_Load
- InitializeCompo...
- linkLabel1_Link...
- textBox1_TextC...

Form10
Class
→ Form

Fields

- button1
- button2
- button4
- columnHeader1
- columnHeader2
- columnHeader3
- columnHeader4
- components
- Inventory
- label1
- label2
- linkLabel1
- listView1
- listView2
- sum
- totalDisplayLabel
- totalLabel

Methods

- button1_Click
- button2_Click
- button3_Click
- button4_Click
- Dispose
- Form10
- Form10_Load
- InitializeCompo...
- label1_Click
- linkLabel1_Link...
- listView1_Select...
- listView2_Select...

Form11
Class
→ Form

Fields

- addressBox
- comboBox1
- components
- contactTextBox
- firstNameTextBox
- groupBox1
- Item
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- linkLabel1
- listView1
- lastNameTextBox
- placeOrder
- prevForm
- Price
- prices
- products
- total

Methods

- button1_Click
- comboBox1_Se...
- Dispose
- domainUpDow...
- Form11
- Form11_Load
- InitializeCompo...
- linkLabel1_Link...
- textBox1_TextC...

Form12
Class
→ Form

Fields

- addressText
- button1
- comboBox1
- comboBox2
- components
- contactText
- dateTimePicker1
- firstNameText
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- lastNameText
- salaryText

Methods

- button1_Click
- Dispose
- Form12
- InitializeCompo...

Form13
Class
→ Form

Fields

- components
- dataGridView1
- label1

Methods

- dataGridView1_...
- Dispose
- Form13
- Form13_Load
- InitializeCompo...

Form1
Class
+ Form

Fields

- components
- label1
- label2
- linkLabel1
- login
- password
- userName

Methods

- button1_Click
- Dispose
- Form1
- Form1_Load
- InitializeCompo...
- linkLabel1_Link...
- textBox1_TextC...

Form10
Class
+ Form

Fields

- button1
- button2
- button4
- columnHeader1
- columnHeader2
- columnHeader3
- columnHeader4
- components
- Inventory
- label1
- label2
- linkLabel1
- listView1
- listView2
- sum
- totalDisplayLabel
- totalLabel

Methods

- button1_Click
- button2_Click
- button3_Click
- button4_Click
- Dispose
- Form10
- Form10_Load
- InitializeCompo...
- label1_Click
- linkLabel1_Link...
- listView1_Select...
- listView2_Select...

Form11
Class
+ Form

Fields

- addressBox
- comboBox1
- components
- contactTextBox
- fNameTextBox
- groupBox1
- Item
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- linkLabel1
- listView1
- lNameTextBox
- placeOrder
- prevForm
- Price
- prices
- products
- total

Methods

- button1_Click
- comboBox1_Se...
- Dispose
- domainUpDow...
- Form11
- Form11_Load
- InitializeCompo...
- linkLabel1_Link...
- textBox1_TextC...

Form12
Class
+ Form

Fields

- addressText
- button1
- comboBox1
- comboBox2
- components
- contactText
- dateTimePicker1
- firstNameText
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- lastNameText
- salaryText

Methods

- button1_Click
- Dispose
- Form12
- InitializeCompo...

Form13
Class
+ Form

Fields

- components
- dataGridView1
- label1

Methods

- dataGridView1_...
- Dispose
- Form13
- Form13_Load
- InitializeCompo...

Form14
Class
+ Form

Fields

- button1
- components
- label1
- textBox1

Methods

- button1_Click
- Dispose
- Form14
- Form14_Load
- InitializeCompo...

Form15
Class
+ Form

Fields

- components
- dataGridView1
- label1

Methods

- Dispose
- Form15
- Form15_Load
- InitializeCompo...

Form16
Class
+ Form

Fields

- addressText
- button1
- comboBox1
- comboBox2
- components
- contactText
- dateTimePicker1
- firstNameText
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- label9
- lastNameText
- salaryText
- textBox1

Methods

- button1_Click
- Dispose
- Form16
- InitializeCompo...

Form17
Class
+ Form

Fields

- button1
- components
- label1
- textBox1

Methods

- button1_Click
- Dispose
- Form17
- InitializeCompo...

Form18
Class
+ Form

Fields

- button1
- components
- label1
- label2
- numericUpDow...
- textBox1

Methods

- button1_Click
- Dispose
- Form18
- InitializeCompo...

Program
Static Class

Methods

- Main

Form3
Class
→ Form

Fields

- addButton
- addStaff
- button1
- button2
- button3
- button4
- button5
- button6
- button7
- button8
- components
- deleteButton
- delStaff
- editButton
- editStaff
- label1
- label2
- label3
- label4
- linkLabel1
- viewButton
- viewStaff

Methods

Form4
Class
→ Form

Fields

- button1
- components
- label1
- label2
- label3
- priceTextBox
- productTextBox
- radioButton1
- radioButton2

Methods

- button1_Click
- Dispose
- Form4
- InitializeCompo...
- productTextBox...

Form7
Class
→ Form

Fields

- button1
- components
- dataGridView1
- label1

Methods

- button1_Click
- Dispose
- Form7
- Form7_Load
- InitializeCompo...

Form6
Class
→ Form

Fields

- button1
- components
- dataGridView1
- label1

Methods

- button1_Click
- dataGridView1_...
- Dispose
- Form6
- Form6_Load
- InitializeCompo...

Form5
Class
→ Form

Fields

- button
- components
- label1
- label2
- label3
- textBox1
- textBox2
- textBox3

Methods

- button_Click
- Dispose
- Form5
- InitializeCompo...
- label1_Click

Form19
Class
→ Form

Fields

- components
- dataGridView1
- label1

Methods

- Dispose
- Form19
- Form19_Load
- InitializeCompo...

Form2
Class
→ Form

Fields

- button1
- button2
- components

Methods

- button1_Click
- button2_Click
- Dispose
- Form2
- InitializeCompo...

Form20
Class
→ Form

Fields

- button1
- components
- label1
- label2
- label3
- numericUpDown...
- textBox1

Methods

- button1_Click
- Dispose
- Form20
- InitializeCompo...
- label3_Click

Form21
Class
→ Form

Fields

- button1
- components
- label1
- textBox1

Methods

- button1_Click
- Dispose
- Form21
- InitializeCompo...

Form22
Class
→ Form

Fields

- columnHeader1
- columnHeader2
- components
- label1
- label2
- label3
- label4
- label5
- label6
- label7
- label8
- label9
- listView1
- salesInfo

Methods

- Dispose
- Form22
- Form22_Load
- InitializeCompo...