Ceiling Price Checker System

Nurul Akmar Rosni
Nurul Aziana Mohd Rabai
Rahmat Mohd Aris
Syarmila Es Abdul Wahab
Wan Mat Wan Sulaiman

INSPIRING CREATIVE AND INNOVATIVE MINDS
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Section 1 - Introduction to C-Price

What is controlled goods and ceiling price?

- Goods which have been declared as controlled goods under Control of Supplies Act 1961 and goods which have been controlled its supplies. A ceiling price is a government-imposed limit on how high a price can be charged on a product.

- This price is controlled by Ministry of Domestic Trade, Co-operatives and Consumerism of Malaysia (MDTCC).
Section 1 - Introduction to C-Price

20 examples of controlled good

1. Sugar
2. Milk including condensed milk, powdered or dried milk and Evaporated milk
3. Salt
4. Cement and Clinker
5. Wheat Flour
6. Cooking Oil
7. Fertilizers
8. Insecticides
9. Formic acid or any other acid used for coagulating latex
10. Mild Steel Round Bar
11. Kerosene
12. Prepared or preserved fish in airtight containers
13. Ice Of All Types (State of Sabah Only)
14. Padi (State of Sabah Only)
15. Petrol Motor Spirit and Motor Gasoline of All Grades
16. Diesel Fuel
17. Liquified Petroleum Gas
18. Bread of All Types
19. Fuel Oil
20. Chicken
Section 1 - Introduction to C-Price

Overview

- Controlled Price Checker System (C-Price) is an online system where consumer can use to check the controlled goods and its ceiling price.

- This system can be accessed from anywhere and at any time as long as the consumer has connected to the internet.
Ceiling Price Checker System

Section 1 - Introduction to C-Price

Purpose

- Provide an easy way for consumer to check the controlled goods and ceiling price from anywhere and at any time.

- Provide comfortable and secured way for system administrator to manage controlled goods and ceiling price informations.
Scope

- Scope of C-Price had been developed that consider all aspect such as target of consumer, limited usage, services available and others.

- This system will realize the most efficient and behave in secure manner. Only registered account can access the administration part such as insert new information, update or delete information.

- This system can be access from anywhere via web browser such as Internet Explorer 6.0 and above or Mozilla Firefox 2.0 and above.
Section 1 - Introduction to C-Price

Product Perspective

- C-Price is a client-server based application written in PHP and accessible by client using any web browser.

- C-Price utilize MySQL database. The database is directly connected to the network, and allows the server to access its information. The server is connected to the Internet this allows the program to output an HTML files that is visible over the Internet.
Section 1 - Introduction to C-Price

Product Perspective

C-Price

- Web Server
- Database Server

Client

Internet
# Section 1 - Introduction to C-Price

## Product Features

<table>
<thead>
<tr>
<th>Consumer</th>
<th>System Administrator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Search for Controlled Goods and Ceiling Price</td>
<td>1. Login</td>
</tr>
<tr>
<td></td>
<td>2. Manage User Account (Insert New, Update, Delete, Listing)</td>
</tr>
<tr>
<td></td>
<td>3. Manage Controlled Goods and Ceiling Price informations (Insert New, Update, Delete, Listing)</td>
</tr>
<tr>
<td></td>
<td>4. Generate Report</td>
</tr>
</tbody>
</table>
Section 1 - Introduction to C-Price

User Interface:

✓ Search for Controlled Goods and Ceiling Price
Section 1 - Introduction to C-Price

User Interface:

- Search for Controlled Goods and Ceiling Price
Section 1 - Introduction to C-Price

User Interface:
- Login for Administrator
Section 1 - Introduction to C-Price

User Interface:
- Manage User Account
Section 1 - Introduction to C-Price

User Interface:

✓ Manage User Account

1. Main
2. Insert New
3. Update or Delete
Section 1 - Introduction to C-Price

User Interface:

- Manage Controlled Goods and Ceiling Price Informations
Section 1 - Introduction to C-Price

**User Interface:**
- Manage Controlled Goods and Ceiling Price Informations

1. **Main**
2. **Insert New**
3. **Update or Delete**
Section 1 - Introduction to C-Price

User Interface:
- Generate Report
Section 1 - Introduction to C-Price

User Interface:
- Generate Report

1. Main
2. Report Result
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 1.0 Search for controlled goods and ceiling price | 1. Fill in all required fields on searching text box.  
2. Click on Search button.  
3. Search result page displayed. | Pass | Failed |
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.0 Login</td>
<td>1. Fill in all required fields on login form.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Click on Login button.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Administrator main page displayed.</td>
<td></td>
</tr>
</tbody>
</table>
# Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 3.0 Manage User Account | 1. Click on Manage User Account hyperlink.  
2. Manage User Account page displayed. | Pass | Failed |
<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 3.1 Manage User Account (Insert New Account) | 1. Click on Manage User Account hyperlink.  
2. Click on Add New Record button.  
3. Fill in all required fields on insert new account form.  
4. Click on Save button.  
5. Account details page displayed. | |
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 3.2 Manage User Account (Update Account) | 1. Click on Manage User Account hyperlink.  
2. Fill in username text box and click on Search button.  
3. From the search result list, click on username hyperlink.  
4. Fill in all required fields on update account form and click on Save button.  
5. Account details page displayed. |             |
### Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| **3.3 Manage User Account (Delete Account)** | 1. Click on Manage User Account hyperlink.  
2. Fill in username or full name text box and click on Search button.  
3. From the search result list, click on username hyperlink.  
4. Click on Delete button.  
5. Manage User Account page displayed. | Pass | Failed |
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 4.0 Manage Controlled Goods and Ceiling Price | 1. Click on Manage Controlled Goods and Ceiling Price hyperlink.  
### Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 4.1 Manage Controlled Goods and Ceiling Price (Insert New Record) | 1. Click on Manage Controlled Goods and Ceiling Price hyperlink.  
2. Click on Add New Record button.  
3. Fill in all required fields on insert new record form.  
4. Click on Save button.  
5. Controlled Goods and Ceiling Price details page displayed. | Pass | Failed |
# Ceiling Price Checker System

## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| 4.2 Manage Controlled Goods and Ceiling Price (Update Account) | 1. Click on Manage Controlled Goods and Ceiling Price hyperlink.  
2. Fill in description text box and click on Search button.  
3. From the search result list, click on code hyperlink.  
4. Fill in all required fields on update record form and click on Save button.  
5. Manage Controlled Goods and Ceiling Price details page displayed. | Pass | Failed |
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| **4.3 Manage Controlled Goods and Ceiling Price (Delete Account)** | 1. Click on Manage Controlled Goods and Ceiling Price hyperlink.  
2. Fill in description text box and click on Search button.  
3. From the search result list, click on code hyperlink.  
4. Click on Delete button.  
5. Manage Controlled Goods and Ceiling Price page displayed. | Pass | Failed |
## Section 2 - Requirement Based Testing

<table>
<thead>
<tr>
<th>Functional Requirement</th>
<th>Test Flow</th>
<th>Test Result</th>
</tr>
</thead>
</table>
| Generate Report         | 1. Click on Generate Report hyperlink.  
2. Select report type and click on Generate button.  
1. Search information (barcode or keyword)

   i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Ø1</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>1 - 999999999999999999999999</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>&gt; 999999999999999999999999</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 4</td>
<td>Character / String</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
1. Search information (barcode or keyword) (Cont.)

   ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>-1, 0, 1</td>
</tr>
<tr>
<td>1 - 9999999999999999</td>
<td>1, 2, 9999999999999998, 99999999999999999999</td>
</tr>
<tr>
<td>&gt; 9999999999999999</td>
<td>10000000000000000000</td>
</tr>
<tr>
<td>Character / String</td>
<td>A, B, C</td>
</tr>
</tbody>
</table>
2. **Report generator**

   **i. Equivalence Partitioning**

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class: 1</td>
<td>DD/MM/YYYY</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class: 2</td>
<td>MM/DD/YYYY</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class: 3</td>
<td>Blank</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class: 4</td>
<td>Character</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class: 5</td>
<td>Invalid date</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

2. Report generator (Cont.)

   ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD/MM/YYYY</td>
<td>31/12/2009</td>
</tr>
<tr>
<td>MM/DD/YYYY</td>
<td>08/31/2009</td>
</tr>
<tr>
<td>Blank</td>
<td></td>
</tr>
<tr>
<td>Character</td>
<td>AB/CD/DEFG</td>
</tr>
<tr>
<td>Invalid date</td>
<td>31/02/2009</td>
</tr>
</tbody>
</table>
3. **Register Account**

3.1 **Username**

   i. **Equivalence Partitioning**

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>$6 \leq \text{length} \leq 12$</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>$\text{Length} &lt; 6$</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>$\text{Length} &gt; 12$</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
3. Register Account

3.1 Username

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6, 7, 8, 9, 10, 11, 12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.2 Password

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>6 ≤ length ≤ 12</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Length &lt; 6</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Length &gt; 12</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.2 Password

   ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6, 7, 8, 9, 10, 11, 12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

3. Register Account (Cont.)

3.3 Fullname

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>&gt;1</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>&lt;1</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Ceiling Price Checker System

Section 3 - Black-box Testing

3. Register Account (Cont.)

3.3 Fullname

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1</td>
<td>A,B,Cé é Y,Z</td>
</tr>
<tr>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.4 E-Mail

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Valid email format</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Invalid email format</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.4 E-mail

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valid email format</td>
<td><a href="mailto:xxxxxxxx@xxxxx.xxx">xxxxxxxx@xxxxx.xxx</a></td>
</tr>
<tr>
<td>Invalid email format</td>
<td>Other than valid email format</td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.5 Active

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Y or N</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Other than Y or N</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
3. Register Account (Cont.)

3.5 Active

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y or N</td>
<td>Y,N</td>
</tr>
<tr>
<td>Other than Y or N</td>
<td>A,B,C,1,2,3</td>
</tr>
</tbody>
</table>
4. Manage Account

4.1 Username

   i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>6 ≤ length ≤ 12</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Length &lt; 6</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Length &gt; 12</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

4. Manage Account

4.1 Username
   
   ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6,7,8,9,10,11,12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
4. Manage Account (Cont.)

4.2 Password

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>6 ≤ length ≤ 12</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Length &lt; 6</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Length &gt; 12</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

4. Manage Account (Cont.)

4.2 Password

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6,7,8,9,10,11,12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

4. Manage Account (Cont.)

4.3 Fullname
   i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>&gt;1</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>&lt;1</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
4. Manage Account (Cont.)

4.3 Fullname

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1</td>
<td>A,B,Cé é Y,Z</td>
</tr>
<tr>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

4. Manage Account (Cont.)

4.4 E-Mail

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Valid email format</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Invalid email format</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
4. Manage Account (Cont.)

4.4 E-mail

   ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valid email format</td>
<td><a href="mailto:xxxxxxxx@xxxxx.xxx">xxxxxxxx@xxxxx.xxx</a></td>
</tr>
<tr>
<td>Invalid email format</td>
<td>Other than valid email format</td>
</tr>
</tbody>
</table>
4. **Manage Account (Cont.)**

4.5 **Active**

   *i. Equivalence Partitioning*

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Y or N</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Other than Y or N</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
4. Manage Account (Cont.)

4.5 Active

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y or N</td>
<td>Y,N</td>
</tr>
<tr>
<td>Other than Y or N</td>
<td>A,B,C,1,2,3</td>
</tr>
</tbody>
</table>
5.  Log in

5.1 Username
   i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>6 ≤ length ≤ 12</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Length &lt; 6</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Length &gt; 12</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Ceiling Price Checker System

Section 3 - Black-box Testing

5. Log in

5.1 Username

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6,7,8,9,10,11,12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
5. Log in

5.2 Password

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>6 ≤ length ≤ 12</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Length &lt; 6</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Length &gt; 12</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

5. Log in

5.2 Password

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ≤ length ≤ 12</td>
<td>6, 7, 8, 9, 10, 11, 12</td>
</tr>
<tr>
<td>Length &lt; 6</td>
<td>5</td>
</tr>
<tr>
<td>Length &gt; 12</td>
<td>13</td>
</tr>
</tbody>
</table>
6. Manage Information

6.1 Information name

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>&gt;1</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>&lt;1</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. **Manage Information**

6.1 **Information name**

   ii. **Boundary Value Analysis**

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1</td>
<td>A,B,Cé é Y,Z</td>
</tr>
<tr>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>
6. Manage Information

6.2 Information Category

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>&gt;1</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>&lt;1</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. Manage Information

6.2 Information Category

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;1</td>
<td>A,B,Cé é Y,Z</td>
</tr>
<tr>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

6. Manage Information

6.3 Price

   i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>&gt;0</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>&lt;=0</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. Manage Information

6.3 Price

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;0</td>
<td>1,2</td>
</tr>
<tr>
<td>≤0</td>
<td>-1,0</td>
</tr>
</tbody>
</table>
Section 3 - Black-box Testing

6. Manage Information

6.3 Starting date

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>DD/MM/YYYY</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>MM/DD/YYYY</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 3</td>
<td>Blank</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 4</td>
<td>Character</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class : 5</td>
<td>Invalid date</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. **Manage Information**

6.3 **Starting date**

**ii. Boundary Value Analysis**

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD/MM/YYYY</td>
<td>31/12/2009</td>
</tr>
<tr>
<td>MM/DD/YYYY</td>
<td>08/31/2009</td>
</tr>
<tr>
<td>Blank</td>
<td></td>
</tr>
<tr>
<td>Character</td>
<td>AB/CD/DEFG</td>
</tr>
<tr>
<td>Invalid date</td>
<td>31/02/2009</td>
</tr>
</tbody>
</table>
6. Manage Information

6.4 Ending date

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1</td>
<td>DD/MM/YYYY</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class 2</td>
<td>MM/DD/YYYY</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class 3</td>
<td>Blank</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class 4</td>
<td>Character</td>
<td>Invalid data</td>
</tr>
<tr>
<td>Class 5</td>
<td>Invalid date</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. **Manage Information**

6.4 **Ending date**

**ii. Boundary Value Analysis**

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>DD/MM/YYYY</td>
<td>31/12/2009</td>
</tr>
<tr>
<td>MM/DD/YYYY</td>
<td>08/31/2009</td>
</tr>
<tr>
<td>Blank</td>
<td></td>
</tr>
<tr>
<td>Character</td>
<td>AB/CD/DEFG</td>
</tr>
<tr>
<td>Invalid date</td>
<td>31/02/2009</td>
</tr>
</tbody>
</table>
6. Manage Information

6.5 Active

i. Equivalence Partitioning

<table>
<thead>
<tr>
<th>Class</th>
<th>Range</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class : 1</td>
<td>Y or N</td>
<td>Valid data</td>
</tr>
<tr>
<td>Class : 2</td>
<td>Other than Y or N</td>
<td>Invalid data</td>
</tr>
</tbody>
</table>
6. Manage Information (Cont.)

6.5 Active

ii. Boundary Value Analysis

<table>
<thead>
<tr>
<th>Range</th>
<th>Boundary Value Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y or N</td>
<td>Y, N</td>
</tr>
<tr>
<td>Other than Y or N</td>
<td>A, B, C, 1, 2, 3</td>
</tr>
</tbody>
</table>
• Please don’t hesitate to ask any question related to C-Price.
Thank you.