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Learning Report – Applied SDLC

Course Code: <CODE>

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**Document History**

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# Chocolate Vending Machine

## **Test Plan:**

Table 1 Test plan for Chocolate Vending Machine

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T\_ID** | **Description** | **Precondition** | **Expected Input** | **Expected output** | **Actual output** |
| T01\_H\_01 | When customer didn’t press any button from keypad, a message “Choose a chocolate” should appear on the display. | Idle | No key press | Display “Choose a chocolate” | Choose a chocolate |
| T02\_H\_01 | When a customer selects a chocolate, its price detail must be displayed | Selection of product | Selects a product | Display the price of the chocolate | Displays the price of the chocolate |
| T03\_H\_01 | When customer confirms a product selection, multiple payment options must be displayed | Proper Selection of product | Selects the payment option | Display “Choose the payment method: 1. Cash 2. Credit/Debit Card” | Displays “Choose the payment method: 1. Cash 2. Credit/Debit Card” |
| T04\_H\_03 | When customer hits “1” from keypad, a message should appear on the display “Please insert your money” | Confirmation of product selection | “1” Key press | Display “Please insert your money” | Please insert your money |
| T05\_H\_03 | When customer hits “2” from keypad, a message should appear on the display “Slide your card” | Confirmation of product selection | “2” Key press | Display “Slide your card” | Slide your card |
| T06\_H\_03 | If customer slides a debit card, a message should appear on the keypad LCD “Please insert a 4-digit PIN” | Selection of payment via Credit/Debit card | Slides Debit/Credit card | Display “Please insert a 4-digit PIN” | Please insert a 4-digit PIN |
| T07\_H\_03 | When customer inserts a 4-digit code for the debit card, the system should send the product to the customer. | Selection of payment via Credit/Debit card | Enters 4-digit PIN | Validates the pin, detects the amount and delivers the product | Validates the pin, detects the amount and delivers the product |