./

Learning Report – SMART PEN

Course Code: <CODE>



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| **Ver. Rel. No.** | **Release Date** | **Prepared. By** | **Reviewed By** | **Approved By** | **Remarks/Revision Details** |
| 1 | 19/09/2020 | RAJINI R |  |  |  |
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**Document History**

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**TEST PLAN**

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| **ID** | **DESCRIPTION** | **PRE-CONDITION** | **EXPECTED INPUT** | **EXPECTED OUTPUT** | **ACTUAL OUTPUT** |
| 1 | The first User Entered digits should be considered as operand1 | No input is given yet before by the user | User enters only 4 digit integer value  And press the top of the pen once | System takes the all the 4 digit input as operand1 | Read as operand1 |
| 2 | The second input by user must be treated as operand2 | First input is given by the user | User enters second set of input and press top of the pen once. | System as to read it as operand2 | Read as operand2 |
| 3 | If user enters only first operand and doesn’t enters the second operand | No input is given to the System | User enters 4 digits and press top of the pen twice | System should consider only one operand and perform the operation | Consider single input |
| 4 | User has to enter the specific number column in the pen in order to perform specific mathematical operation. | Operand1 and operand2 is entered by the user. | User enters specific number assigned to specific operation. | Specific operation entered by the user has to be performed. | Desired operation is performed. |
| 5 | To Verify the ink flow through the nib | Ink flow is against gravity | When User starts to write | Ink flow smoothly by the gravity | Writing smoothly |
| 6 | To check Size and shape is confirmable for writing. | None | User holding the pen for witing purpose. | It is comfortable,soft to hold and write the pen. | Comfortable to hold |
| 7 | To check the keypad working(0-9) | User has entered /not entered in the keypad | User enters specific digit | The specific digit entered by the user is read the same by the system. | Keypad is working |
| 8 | To check whether the desired mathematical operation is working and giving the right result. | User enters the operamnds | User enters the desired number associated with specific mathematical operation | Specific mathematical operation is performed and resulting in the correct output. | Resulting correct mathematical output. |