# Testing

## **Unit testing**

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| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected Input** | **Expected Output** | **Actual Output** |
| HH\_01 | Establishing network connection | Mobile number | Call should be placed | Call placed |
| HH\_02 | Using regular dialer | Mobile number | Number should appear properly on the display | Number appeared properly on display |
| HH\_03 | Using speech to text | Voice input | Speech should get properly converted into text | Proper conversion from speech to text |
| HH\_04 | Using text to speech | Text input | Text should get properly converted into speech | Proper conversion from text to speech |

Table 1: Unit Testing

## **Integration testing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Expected input** | **Expected output** | **Actual Output** |
| LL\_01 | Program runs or not | Proper mobile number | All the functions should work properly | All the functions are working properly |
| LL\_02 | Call button should work | Click call button | Call should be placed | Call placed |
| LL\_03 | Adding dialed number to call history | Mobile number | Mobile number should be added to call history | Mobile number added to call history |
| LL\_04 | On selection of backspace | Backspace option | Backspace program | Backspace program |

Table 2: Integration Testing