**Assignment #1:- Write a test case to test a SmartPhone**

TEST TITLE PRIORITY TEST CASE ID TEST NUMBER TEST DATE

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| Smartphone | Medium |  |  | 17/08/2023 |

TEST DESCRIPTION TEST DESIGNED BY TEST EXECUTED BY EXECUTION DATA

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|  | Ku. Nisha Sudhakar Mokashe |  |  |

TEAST DESCRIPTION TEST DEPENDENCIES TEST CONDITION TEST CONTROL

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| **SR. NO.** | **TITLE** | **STEPS** | **EXPECTED RESULTS** | **ACTUAL RESULTS** | **PASS / FAIL** |
| 1 | Power  Button | A] Check if the power button opens up a menu  for the restart, shutdown and other boot options.  B] Check if the power button pressing once locks  the phone.  C] Check if the power button pressing turn off the  Lights. | 1] The device powers on and display the lock screen.  2] pressing and holding the power button again turns off the device. |  |  |
| 2 | Touch Screen | A] Check if the natural gestures work for swip function of the phone | Screen will be toches properly |  |  |
| 3 | Screen  Rotation | A] Verify the app that support screen rotation  B] Rotate the device to land scape and then back to portrait orientation. | The app transition between  Landscape and portrait modes. |  |  |
| 4 | Volume | A] Turn on the phone.  B] Launch the app and pressing the button on or off for increasing and decreasing volume. | Volume should not exceed than certain limit. |  |  |
| 5 | Audio  Point | A] Check if the radio of phones audio connector.  B] Check the radio phones can be enable by connecting.  C] Check if the audio is functional. | Audio connecter properly work. |  |  |
| 6 | Battery | A] Turn on the phone  B] Use the mb till you get the low battery induction. | When battery is low alert should be display. |  |  |
| 7 | Unlocking with  Fingerprint | A] Press the power button to activate the screen.  B] Place a registered fingerprint on the sensor. | The device unlock and goes to the home screen. |  |  |
| 8 | App  Switching | Verify multiple apps, use a recent apps button to switch between apps. | The device switches between the apps. |  |  |
| 9 | SMS Functional Testing | A] Check if the user can send the SMS to single or multiple users.  B] Check if the user can forward the old message to anyone or not.  C] Check if the user can erase the old messages or not. | The SMS will be send properly. |  |  |
| 10 | Text Message | A] Verify the massage app.  B] select a contact  C] compose a text message  D] send a message | The message is composed and send to the selected contact |  |  |
| 11 | GPS  Navigation | A] Open the navigation app.  B] Enter a destination  C] Start navigation | The navigation app provide direction and guides to user destination. |  |  |
| 12 | Taking a Photo | A] Open the camera app.  B] Frame a subject and tap the capture button.  C] Preview the captured photo. | A photos is taken and the preview shows the captured image. |  |  |
| 13 | Playing a  video | A] Open a video player app.  B] Select and play a video file.  C] Adjust Volume and playback controls. | The video plays smoothly with adjustable volume and playback controls. |  |  |
| 14 | Voice Assistant | A] Active the voice assistant  B] Give the command | The voice assistant respond with the revalant information action. |  |  |
| 15 | Internet  Browsing | A] Open a web browser app. Enter a URL and load a webpage.  C] Navigate through the webpage and interact with links. | The webpage loads correctly, and links can be interacted with as expected. |  |  |
| 16 | Key board setting | A] Open the device setting  B] Change and install available update. | The device check for update and install the latest available software. |  |  |
| 17 | App uninstallation | A] Go to device setting , navigate to app or app name, select uninstall. | The selected app is uninstalled and removed from the device. |  |  |
| 18 | High Volume | Press the volume up button reaches the maximum level | Playing a song should result in a clear or loud sound in another room or 5 fit distance |  |  |
| 19 | Software Update | A] Go to device settings.  B] Navigate to System Software Update.  C] Check for and install available update. | The device check for updates and install the latest available software. |  |  |
| 20 | Airplane mode | Open device setting. Enable Airplane Mode. | The device enter Airplane Mode, disabling wireless connections. |  |  |
| 21 | Setting Wallpaper | A] To device settings.  B] Navigate to Display wallpaper.  C] Choose a wallpaper from the available option. | The selected Wallpaper is set as the device background. |  |  |
| 22 | Bluetooth  pairing | A] open device settings.  B] Navigate to Bluetooth settings.  C] Turn on Bluetooth.  D] Pair the device with another Bluetooth device(e.g. headphones). | The devices successfully pair , and a connection is established. |  |  |
| 23 | App Permission | A] Navigate to apps permission and manage app permission. | App permission are displayed and can be managed for each app. |  |  |
| 24 | Wi – Fi connection | A] Open the device and turn on the Wi - Fi  B] Connect to the network. | The device connected to the selected network. |  |  |
| 25 | Battery Sarver Mode | A] Go to setting.  B] Navigate to Battery settings.  C] Enable battery Sarver mode. | Battery Server mode is activated, optimizing device performance to conserve battery life. |  |  |
| 26 | Mute | Open the device and select mute option. | The device should allow mute. |  |  |
| 27 | Add a Contact | A] Open a contact app.  B] Tap and add contact option. Enter a contact details.  C] Save the contact. | The contact details are entered and saved correctly. |  |  |
| 28 | Low Volume | Press and Volume down Button reaches the minimum level. | Playing a song should result in low volume. |  |  |
| 29 | Charging | A] Plug in the charger to the device  B] Wait for the device to charge certain level | The charging icon is displayed and the battery percentage increase. |  |  |
| 30 | Flashlight | A] Open the flashlight option B] tap on the option to turn on the flashlight and turn off. | The flashlight should be turn and off providing a bright light. |  |  |