Features of TV

1. On & Off
2. Outside Connections
3. Settings

Features in outside Connections:

1. Cable TV connection
2. Wi-Fi Connection
3. Bluetooth Connection
4. Sound box Connection
5. Remote/ infrared Connection

**Component test cases for outside Connections**

**FEATURE TEST**

1. Cable TV Connections
2. Test by Connecting Cable Connection
3. Wi-Fi Connection
4. Test by connecting Wi-Fi
5. Test the range
6. Bluetooth connection
7. Test connection with mobile
8. Test connection with laptop
9. Test connection with sound box
10. Sound box Connection
11. Test connecting with sound box
12. Infrared connection
13. Test the connection with remote control
14. Test the range

**INTEGRATION TEST**

1. Cable TV connection + Sound Box connection + Infrared connection
2. Wi-Fi connection + Sound box connection +Infrared connection
3. Bluetooth connection + Sound box connection +Infrared connection

**PERFORMENCE TEST**

1. Time taken to turn on TV after remote button press
2. Time taken to connect with Wi-Fi connections after option select
3. Time taken to connect with sound box after switching the sound box mood
4. Time taken to connect with Bluetooth

**STRESS TEST**

1. Pop up message on turning on outside connection too quick

**LOAD TEST**

1. Performance on too quick channel changing

Features in TV Settings:

1. Picture quality
2. Brightness
3. Sound
4. Recording
5. Web browsing (youtube, netflix....)

**Component test cases for TV Features**

**FEATURE TEST**

1. Picture quality
2. HD quality test and compaire
3. Normal quality test and compaire
4. Brightness
5. Test how the changing values of brightness/contrast works
6. Sound
7. Test sound quality
8. Test sound equalizer
9. Test volume increasing effect
10. Recording
11. Test location
12. Test recording quality

**INTEGRATION TEST**

1. Picture + Sound
2. Recording + Sound

**PERFORMENCE TEST**

1. Sound quality in different mood / equalizer settings
2. Picture quality in different resulation
3. Picture quality after recording

**STRESS TEST**

1. Data size limitations warning for recording

**LOAD TEST**

1. Distorted Sound bass limitation