**First Trail**

1. Image Comparison – compare two images same or not
2. *Color comparison – Compare color of image*
3. OCR Technique – read text from the image
4. Video Detection – check whether video is running
5. Audio Detection - check whether audio is enabled

**Second Trail**

1. Connect to Set Top Box(STB) / Browser /ANDROID
2. Get live video from STB in the application
3. Ensure network security and application security features

**Third Trail**

1. Increase the efficiency of the process

APPLICATION

COMPUTER

SET TOP BOX

**LIVE STREAM FROM STB**

**LOG WINDOW**

IMAGE UTIL + IMAGE MODEL

VIDEO PROCESSOR

AUDIO PROCESSOR

OCR PROCESSOR

**TEST PROCESS**

*[CALLS ONLY PROCESSOR CLASS WITH TEST CASE AS FUNCTION PARAMETERS]*

IMAGE PROCESSOR

**PROCESSOR CLASS**

*[Contains only function call Utility class]*

FILE UTIL

SUPPORTING MODULES

OCR UTIL + OCR MODEL

AUDIO UTIL +

AUDIO MODEL

VIDEO UTIL + VIDEO MODEL

Capture Preview

Pause

Capture

Test

THIS IS A SAMPLE IMAGE

NO VARIABLE DECLARATION EVEN A SMALL OPERATION SHOUD BE IN SEPRATE Fn.

RESOPONSE + RESPONSE MODEL

OTHER SUPPORTING MODULES

**...**