We claim:

1. An adapter device (102) for extending television content comprising: a) a plurality of input interface (103) configured to receive television content through a first connector (112); b) a plurality of processing units (104) configured to: process received television content in real-time and provide processed television content in different resolutions and formats to a plurality of broadcasting units (106); and by-pass received television content or processed television content directly to a plurality of output interface (105) in accordance with output selection of a user of the adapter device (102); c) the plurality of output interface (105) configured

to send television content from the adapter device (102) to a plurality of visual display units (101) through a second connector (113); d) the plurality of broadcasting units (106) configured to: establish a Wi-Fi network (111) to connect first set of plurality of portable user devices (127) and form a wireless intranet network; broadcast processed television content to the first set of plurality of portable user devices (127) to receive and render live stream link in which every television content has different live stream links to be established based on the television content opted on each of the first set of plurality of portable user devices (127) using the wireless intranet network; e) a power supply

(109); f) a microcontroller (107); g) a plurality of Wi-Fi extenders (117) configured to extend Wi-Fi strength or signal coverage of the established Wi-Fi network (111) by the plurality of broadcasting units (106) to a second set of plurality of portable user devices (128) and providing processed television content to the second set of plurality of portable user devices (128) to receive and render live stream link in which every television content has different live stream links to be established based on the television content opted on each of the second set of plurality of portable user devices (128) using the wireless intranet network; wherein the plurality of broadcasting unit (106) further configured to: establish a

captive portal for connecting first set of plurality of portable user devices (127) and a second set of plurality of portable user devices (128) to receive and render the live stream link automatically after selecting the established Wi-Fi network (111); establish a local Domain name for the connected first set of plurality of portable user devices (127) and second set of plurality of portable user devices (128) to receive and render client webpages along with the live stream links by entering local domain name in their browser's address bar or after connecting to the established Wi-Fi network (111,118); establish a Bluetooth network (110) to connect the plurality of Bluetooth enabled user devices; wherein the plurality of Wi-Fi

extenders (117) are Wi-Fi repeaters, Wi-Fi extenders, wireless repeaters, Wi-Fi routers and switches connected and configured through wire or wireless with the device; wherein the plurality of Bluetooth enabled user devices configured to receive audio signals; wherein the formats are transcoded and encoded formats.

2. The device (102) as claimed in claim 1, wherein the internet module (124) is configured to provide Internet access to the first set of plurality of portable user devices (127) and second set of plurality of portable user devices (128) to stay connected over internet and to receive push

notifications from other applications while rendering the television content live stream on their portable devices.

3. The device (102) as claimed in claim 1, wherein the wireless intranet network is an intranet or WLAN or LAN with or without internet.

4. The device (102) as claimed in claim 1, further comprising data storage module (126) configured to provide access to all the components of the adapter device (102) to store and retrieve data.

5. The device (102) as claimed in claim 1, wherein the plurality of broadcasting units (106) is configured to connect and use existing Wi-Fi intranet or internet or WLAN or LAN network (501) to connect the second set of plurality of portable user devices (128) through unique mac address or local domain name assigned in existing Wi-Fi network (501) by administrator.

6. The device (102) as claimed in claim 1, wherein the plurality of broadcasting units (106) further configured to establish a plurality of servers to connect the first set of plurality of portable user devices (127)

and the second set of plurality of portable user devices (128).

7. The device (102) as claimed in claim 1, wherein the plurality of broadcasting units (106) further comprising plurality of client web pages with user interface having inbuilt media players compatible to render the broadcasted live stream link in the connected first set of plurality of portable user devices (127) and second set of plurality of portable user devices portable devices (128) through captive portal or browsers or custom client application.

8. The device (102) as claimed in claim 1, wherein the television content is live video input from electronic devices, television or channel signal, output from large format display screen, a video, an audio, a video and audio.

9. The device (102) as claimed in claim 1, wherein the television content is digital or analogue signal, compatible to view in the plurality of visual display units (101).

10. The device (102) as claimed in claim 1, wherein the first connector

(112) is HDMi, AV, VGA, DVI, S-Video, SDI, USB, LAN, RF pin, display port, RCA connector.

11. The device (102) as claimed in claim 1, wherein the second connector (113) is HDMi, AV, VGA, DVI, S-Video, SDI, USB, LAN, RF pin display port, RCA connector.

12. The device (102) as claimed in claim 1, wherein the live stream link comprises of video only, video and audio, audio only.

13. The device (102) as claimed in 1, wherein the plurality of visual display units (101) is a display screen.

14. The device (102) as claimed in 1, wherein the plurality of visual display units (101) is television or monitor screen.

15. The device (102) as claimed in claim 1, further comprising a coupling means (201) enabling the adapter device (102) to connect with plurality of other adapter devices (102.sub.1 . . . 102.sub.n).

16. The device (102) as claimed in claim 15, wherein the coupling means (201) configured to connect the adapter device (102) with plurality of other adapter devices (102.sub.1 . . . 102.sub.n) in order to form a cluster (202).

17. The device (102) as claimed in claim 15, wherein the adapter device (102) is configured to act as a load balancer.