ICT components’ roles

Describe the role of each of the ICT system components – including software, hardware and networking components – that must be addressed in the user guide for:

* Casting videos and movies from a PC, smart phone or other computing device to a TV

*(These ICT system components were identified in the exercise in Topic 1.)*

**Software:**

Operating system – The operating system is like the brain of the computer and plays a crucial role in providing the foundation for the software to run.

Video casting software – Video casting software is the key component that enables users to cast from the PC to TV. It acts as a bridge to establish the connection and transmit data between the two devices.

**hardware:**

PC or laptop – The primary hardware component. It acts as a source device, where the casting app is installed, and the video is stored. The PC processes the video data and sends it to the tv through a wireless connection.

Smart TV – Serves as the receiving hardware component. The Smart TV receives video data wirelessly from the PC and displays it on the TV screen.

Wi-Fi connection (Router, Modem, etc) – Enables wireless transmission of data between

the PC and the Smart TV

**Networking:**

Internet Connection – Provides the necessary network connectivity, ensuring a stable and reliable connection for the casting process. It provides access to the internet.