

ABSTRACT

Computer networks become one part that support the development technology. In the open source world known as Network Simulator 3 (NS-3). NS-3 as a provider of network simulator that suits the needs of modern and current research. Many activities are made easier by using a computer network. But to learn it required a large investment in hardware and software. In accessing NS-3, the user must know the terms and steps of the process.

To make it easier simulating the network, needed media that can support NS-3 learning process. So in this Final Project created a learning media that can help users to accessing Network Simulator 3. It's mean that animation by Flash Player.

This final project created written module and interactive animation media of Network Simulator 3 completely in Flash Player. One Flash Player animation consist of six network topics and instalation step for helping that network simulator. Interactive learning media can help people to understand Broadband Data Communication courses in using Network Simulator 3 (NS-3). Based on the test results, found 26% users who strongly agree, 52% users who agree, 18% users who enough agree and 4% users who do not agree to understand after doing the NS3 simulation with NS-3 interactive media..

Keywords: Network Simulator 3, Flash Player, Interactive media