

**ABSTRAK**

**Saputra, Dionisius Wahyu Adi. 2014. *Investigasi Jaringan Internet WiFi untuk Akses Video YouTube Resolusi 144p MP4 Studi Kasus Kampus III Universitas Sanata Dharma Yogyakarta*. Skripsi. Program Studi Teknik Informatika, Fakultas Sains dan Teknologi, Universitas Sanata Dharma, Yogyakarta.**

Kampus III Universitas Sanata Dharma menyediakan fasilitas laboratorium komputer, *workstation*, dan *wireless access point* bagi dosen, staf, dan mahasiswa untuk akses internet. Dengan ruang lingkup yang cukup besar, *WiFi* dapat dengan mudah ditemukan hampir di setiap area kampus.

Untuk mengetahui kinerja jaringan internet *WiFi*, dilakukan investigasi dengan mengakses video YouTube resolusi 144p MP4. YouTube sendiri merupakan *website* yang membutuhkan koneksi yang layak untuk *streaming* video.

Dari hasil investigasi menunjukkan bahwa secara keseluruhan, jaringan internet *WiFi* kampus III Universitas Sanata Dharma layak untuk akses video YouTube resolusi 144p MP4.

**ABSTRACT**

**Saputra, Dionisius Wahyu Adi. 2014. Investigation of WiFi Internet Network For Accessing 144P MP4 Resolution YouTube Video Case Study 3<sup>RD</sup> Campus of Sanata Dharma University. A Thesis. Informatics Engineering Department, Faculty of Science and Technology, Sanata Dharma University, Yogyakarta.**

3<sup>RD</sup> Campus of Sanata Dharma University providing computer laboratory, workstation, and wireless access point facility for lecturer, staff, and college student to internet accessing. With a large environment, WiFi can found easily almost in every campus area.

To discovering WiFi internet network performance, investigation should be done, by accessing 144p MP4 resolution YouTube video. YouTube itself is website that requires proper connection for video streaming.

From the investigation results, showing that overall WiFi internet network in 3<sup>RD</sup> Campus of Sanata Dharma University are good for accessing 144p MP4 resolution YouTube video.