CHAPTER 1
INTRODUCTION

1.1 Background

The dissemination of information on the Faculty of Computer Science, Soegijapranata Catholic University Semarang have been done in various ways, which are announcement boards, campus websites and magazines. Dissemination of information with such services are deemed to be ineffective, as not many students check the announcement board and the faculty website. Meanwhile, informations from smart TV can be found inside the building of the Faculty of Computer Science, but it were turn off for some time.

Open Broadcast software (OBS) is a recording and streaming video program. OBS is open source software and can be downloaded for free. The course of informations displayed with the OBS program form as video with audio supported. When the video is played with OBS via Nginx server, it will displayed automatically on the smart TV screen.

As the video on the smart TV is displayed, students can find such information of lectures inside the building of the Faculty of Computer Science. The dissemination of information can be done efficiently. In result, students do not have to bothered must check the announcement board or faculty website at all times. Therefore, the long shut down smart TVs can be functioned again.

1.2 Scope

Scope in this report is:

1. Creating the Streaming Server
2. Installing the OBS program
3. Displaying the announcement
1.3 **Objective**

Objective in this project:

1. Generate the streaming Server used to display the informations.

2. Replace the spread of information in print media into electronic media.

3. Students can access the information on android-base phones and iOS.