

ABSTRACT

Every year, Telkom University is receiving thousands of students and graduate thousands other. New student will come and look for residence around campus and so is graduate student will look for residence near office where they work. The students can look for a boarding house or an apartment that match their predetermined factor like price, facility, security, access, distance from office and many more. However, this activity is really hard to do because they are still unfamiliar with the area that will cause their search will be very limited. In the other hand, searching boarding house sometimes is ruled out by the student due to lot of important things to do such as preparing requirement for either campus or work and any other things that related to college and job.

Due to hardness of looking boarding house, many websites has provide list of boarding house that can be rent. However, the website only providing information about the boarding house and not providing recommendations to what boarding house that fit the students. Therefore, the students must compare the boarding house one to another to find the desired boarding house. This activity will take lots of time because there will be dozens or maybe hundreds of boarding houses around the student's campus or office.

This repetitive activity can be automated so the time that needed for searching can be accelerated. With automation, every boarding house can be scored based on specific parameters. This thing will make the students more focus to other activities such as gathering requirement for college or job.

Key word : Automation, robot, boarding house, scoring