

## **ABSTRACT**

A college library is one of the means to support teaching and learning activities at a university/college, therefore a college library must not only meet national standards regarding technical and other standards, libraries must also have comfort, interior quality and most importantly is the number of collections according to the standard and adjusts to the number of students in a university. This thesis or final project is to redesign the library at the University of Sunan Gunung Djati Bandung with a technology programmatic approach, this departs from the identity of the library itself, which has a vision to become a superior smart library in ASEAN, as well as programmatic designs that arise from problems that occur and can be felt in this library such as placement or layouting and other problems. The aim of the redesign of the library at the State Islamic University of Sunan Gunung Djati with a programmatic technology approach, it is hoped that this library will become a smart library that can adapt to its users so that it becomes the only library in ASEAN that deserves to be called "the best smart library in ASEAN".

The design was carried out by using data search methods in the form of field surveys and questionnaires to students of Sunan Gunung Djati University, as well as conducting interviews with staff and the head of the library to determine the flow of activities that the staff went through each day. After that, brainstorming, analyzing data and synthesizing data to find out the concepts needed to achieve the design goals so that they can be realized in a good and correct design.

So that in order to turn the UIN library into a library that embodies its vision as a smart library and becomes a reflection of the National library standards, it is necessary to redesign the interior of the Sunan Gunung Djati University library.

**Keyword** : university library, smart library, technology, sustainable, green design