ABSTRACT

Lecture is a guide book lessons in college. The Satuan Acara Pengajaran (SAP) and Silabus containing basic competencies, indicators and resource / learning materials as a lesson guide each course. To obtain information on FIT student textbooks should seek at the end of a presentation (Power Point) or access the website at Prodi. In addition, there is also of SAP files and Silabus. From some of the media, students are not necessarily directly obtain information about textbooks. This is because the SAP files and syllabus as well as the presentation materials are not always delivered by lecturers. Information through the website are not always updated and there is a password to open the file. Other obstacles encountered when looking for a location or students having textbooks. Therefore, Katalog textbooks Faculty of Applied Sciences (FIT) web-based and google maps API provide features informations reference textbooks, see the catalog of textbooks, see the location of textbooks, see provider of textbooks, data management courses, management of reference , addition and alteration of data supply of books, as well as the addition of book donors. Katalog is made using the Waterfall method using the programming language PHP with CodeIgniter framework. Google Maps API is used to find the location from textbooks. MySQL is used as database server and black box testing for application testing. Users of Katalog is the Chairman Prodi, Supplier books, the Library and Student.

Keywords: Lecture books, SAP, Waterfall, MySQL.