

ABSTRACT

The technique of data retrieval through crawling process is an automated method to extract information from a website with the assistance of computer programs. This approach enables the retrieval of information from various sources effectively and systematically. An example of using Data Crawling is finding out the criteria for a campus to accept someone through the scholarship route. Many campuses publish information about the criteria that prospective scholarship recipients must meet on their websites. However, searching and gathering this information manually becomes very time consuming. The method used in this research is the Web Crawler API. It has been proven that the web crawling API method can automatically collect information about a campus' criteria for accepting someone through the scholarship route using Data Crawling, namely by creating a website, dummy data, and API. The way to present the data that has been obtained so that prospective students can get scholarship recommendations from the data form that has been filled in according to the major they have taken in high school/vocational school is by creating a Fund MyEdu website as a place to display scholarship information for prospective scholarship recipients. Where there are Admin Dashboard features, View Scholarships, Manage Users, Verify Users, Home, Scholarships, Scholarship Recommendations, and About Us. Fund MyEdu has two roles, namely admin and users, admin plays the role of manager and verifier of users data and scholarship data. Meanwhile, users are potential scholarship recipients.

Keywords: Crawler API, Scholarship, Data Crawling, Website