

Title ReSTful Web API for Cooperative Education Plan Applicant Management System

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Abstract

A Cooperative Education study plan is involve many of records and documents which grew over time and became difficult to sort things out as times passed. The purposes of this study are to find a way and develop a data center for the system and provide aids for further developments. One of the appropriate approach is Web API, a communication way of data across platforms, based on World Wide Web, and comes with different styles of architecture. This study result in the combination of ReSTful Web API style with NodeJs and MongoDB. It has benefits such as comfortable with only one easy to learn programming language, performance, ease of maintenance, and low overhead despite its way of design is completely different from others.

Keyword NodeJs, MongoDB, Restful, Web API, Software architecture style, Cooperative Education