

ABSTRACT

Balai Besar Sumber Daya Alam (BBKSDA) West Java using Resort Based Management (RBM) as a conservation area management system at the Resort level. RBM's reports are organized into modules called Registers. BBKSDA currently uses Microsoft Excel as a tool for the preparation of the Register. The preparation process took weeks to compile Registers into a single database. Long processing time in data collection can be minimized by building a Service Provider Application using Web service. This application is built using the PHP Programming Language with Codeigniter Framework and supported by MySQL Database. Interaction of this application are between the server and the client. Users of this application may be other applications which take advantage of this application's data via the provided API. This application can be developed become mobile, desktop, and web applications.

Keywords: Resort Based Management, REST Web service, API