Online Book Repository using Web Services

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Abstract: The idea of this project is to create a web application for book repository, where we can search books using a single word, the application displays the information of books searched. The application uses RESTful APIs for the book repository. The application will be designed using HTML JavaScript and JSON.

1. **Introduction**

For the past few decades, popularity of worldwide communications has been increasing. The Internet paradigm has become a common factor for networking applications. Nowadays, almost everyone relays on information and communication technology (ICT) such as: web-shopping, online-databases, social networks are three notable examples. The most of ICT community been born from different needs. In fact, that the role of web services in business is considered most important. Many commercial firms use web services and other technologies to extend their capabilities. My application will use multiple REST APIs. Rest API has great layer flexibility, as the data is not tied to methods and resources. The Rest API design allows to build an API that meets our as well as the customer needs (MuleSoft, 2018). I am developing an web application in which we can find books using any key word.