A WEB BASED RESTful API FOR EFFICIENT MONEY TRANSFER

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SYNOPSIS

In this era, money exchange has become an integral part of our daily lives. The Internet, the largest network of computer networks, is the medium usually favored for electronic commerce because it allows an organization to cut service costs while increasing the speed of service delivery. The rapid adoption of digital payment systems and it's increasing usage needs lakhs of transactions to be made in one second.

There are MNC's that adapt high speed searching and caching algorithms for their clients. But small organizations that do financial transactions like chit fund transactions don't get to have those privileges. B-tree indexing method is used so as to easily fetch the data in short time.

The main aim of this project is to develop a RESTful API for a dynamic Maven web project, a Chit Fund System, using Spring Framework. Angular JS is used to make it highly responsive, dynamic and powerful. A WAR file is created and deployed in Tomcat server. Whenever any organization needs this functionality, they can include the API of this project and work on those functionalities according to their needs. The challenging part after developing the application is to migrate it into other platforms which helps the end user to use other similar applications concurrently.

Signature of the Guide