ABSTRACT

Cloud computing is a paradigm that offers effective and efficient use of computational resources at a metered cost and this has been making waves in the field of information technology by reducing overhead. Computing resources are being delivered as a service for effective utilization for a fraction of the cost. Platform-as-a-Service which is one of the services provided by the Cloud that enable developers build applications that are specifically meant to run in the cloud. The number of developers using existing cloud platform for storing, and building their applications are increasing exponentially. In the last few years, there have been many flaws and challenges in using this existing platform in terms of their services. One of which is programming language dependency. The support offered is just for a particular programming and data model that is specifically designed for developing cloud based applications. The purpose of this research is to develop an effective cloud based platform that will be used by the developers to host their applications in the Cloud irrespective of the programming languages they might use by enabling universal access to codes.