

ABSTRACT

This abstract gives a brief overview of our project work entitled **MULTI-LINGUAL MESSAGING APPLICATION ON ANDROID**. Our main aim was to develop a SMS application that will facilitate typing and reading messages in mobile containing Android OS in multiple Indian languages. Current SMS application in Android does not facilitate Indian languages and due to this we took our steps forward in developing the application that will enable the users in using Indian languages. Moreover as the concept is totally new in this field, it motivated us in developing a full-fledged SMS application.

In order to achieve the goal we had to study in details about Android. We had to go through all the required API's of Android that are used while developing the SMS application. We took a modular approach while developing the application. We initially started developing the message editor and the customized keyboard that support the various languages on which we worked. Then we kept on adding other features that are present in normal SMS application like inbox, draft, delete, forward, reply options etc. After development of each of the required modules of the project we added all the modules to build the application as a whole. As far as testing is concerned we initially tested each of the modules in its initial phase of development. Finally after completion of the project we tested the system as a whole with various test cases. The result of the testing shows that the application is working fine.

After the completion of the project we are able to achieve our goal of developing a SMS application that supports typing and sending SMS in some of the Indian regional languages. But unfortunately due to lack of time we were unable to implement all the regional languages in the SMS application.