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ABSTRACT

India's heritage in languages and literature is one of the richest in the world. Some of the languages that were spoken in India in ancient times and had a rich literature have become extinct, others remained important. As Sanskrit is no longer a spoken language, it is still a language of many religious rituals and of literature. In recent years, with rapid increase in popularity of English, Sanskrit is seeing a downfall, and if not provided with technological support it might one day get extinct too. It is our small attempt in bringing Sanskrit back to its tracks, by linking it with the technology. This project will prove to be beneficial for all the aspirants who are interest in learning or practicing Sanskrit. Not just that it will prove to be a great tool for Sanskrit teachers too, by helping them in verifying the text hands-on in case of doubt.

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PERSONAL CONTRIBUTION

Task	Person(s) responsible	Date
Basic android learning	Manu	14 th ,March,2016
Website front end	Ayush	22 nd , March, 2016
Research on Sanskrit language	Prasham	18 th , February, 2016
Database connectivity	Ayush ,Manu	1 st ,April,2016
Learning Socket Programming	Prasham, Manu	25 th ,Feburary,2016
Creating Peer 2 Peer chat	Manu	2 nd , March, 2016
Documentation-mid	Ayush, Manu, Prasham	4 th ,April,2016
Transliteration keyboard	Prasham	23 rd ,March, 2016
Database Design	Ayush, Manu	30 th ,March,2016
JavaScript Learning	Ayush	25 th ,Feburary,2016
Documentation-final	Manu,Prasham,Trivedi	6 th ,May, 2016
Discussion Forum	Ayush	4 th ,May,2016
Final network program	Manu	6 th ,May,2016
Final Parser Created	Prasham	3 rd ,May,2016
Parser using Top-Down	Prasham	20 th ,April,2016
Parser Comparator	Prasham	3 rd ,May,2016
Android app Complete	Manu	5 th ,May,2016

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ABBREVATIONS AND NOMENCLATURE

iTRANS- Indian Languages Transliteration

JDK- Java Development Kit

BCE- Before Christ

OS- Operating System

JSP- Java Servlet Programming

JSE7- Java Software Edition 1.7

SDK- Software Development Kit

API- Application Package Installer

J2ee- Java Enterprise Edition

DFA- Directed Finite Automata