

MOBILE APPLICATION FOR DYSCACULICS

M.SURESH KUMAR [1], ATHULYA.J.U [2], S.JAYASHRI [3], SUTHANDHIRA.P [4]
DEPARTMENT OF INFORMATION TECHNOLOGY
SRI SAIRAM ENGINEERING COLLEGE
CHENNAI, INDIA

A child with special needs will inspire you to be a special kind of person. Binding technology with this, we have come up with an application for a special type of dyslexia called dyscalculia. Dyscalculia is difficulty in learning or comprehending arithmetic, such as difficulty in understanding numbers, learning facts in mathematics. It is generally seen as a disorder. Individuals with this type of learning disability may also have poor comprehension of math symbols, may struggle in memorizing and organizing numbers, have difficulty in telling time or have trouble with counting. Tutoring children with dyscalculia is most effective when done one on one. As it is valuable that the children continue to explore math between sessions, apps are a real good tool. The main aim of this application is to emphasize conceptual understanding among children. The core intention is to balance entertainment and learning in such a way that they tend to understand the concepts better with visuals. This application will ensure, with fascinating UI and simple small game in between, math can be made easier and even fun for the child using it. After each concept is taught, the application will make sure that it is completely understood, by giving continuous practice and tests, only upon completing which he/she will be taken to the next concept.