

KID'S LEARNING APPLICATION

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ABSTRACT

This is an educational app to help toddlers to learn basics, starting from letters of the alphabet ABCs and numbers 0 to 9, shapes, vegetables, colours, animals, body parts, fruits. Toddlers learning app includes fun, educational activities for toddlers! If toddlers is in kindergarten, or going to attend preschool, this is a free learning app for kids. When parents select apps for young children, they have particular needs, However, educational content, challenges and technological innovation. While today's children are controllable, competent users of touch screen media at a very young age, parents remains the gatekeepers of young children's media selection, The popularity of smart mobile devices is growing fast. These digital device represent a new generation of technological tools that offer remarkable access to content as well as opportunities for creative use even by young children. Most the best-selling paid apps in the education category are targeted towards children. At the same time, the educational values of those application is difficult to be determined. Parents and educators, who are turning to those devices for the potential educational benefits they expect for their children and/or their students, have a limited number of tools with which to evaluate these apps. With regard to the literature review, we present the latest findings relates to the real educational value of these 'self-proclaimed' educational apps. Our analysis concludes that while there are thousands of apps available today, choosing the most appropriate educational ones for children is difficult and problematic for both teachers and educators.

Keywords: Children, Educational Content, Educational Application, Info Graphics, Sketchbook.

I. INTRODUCTION

Content to help children learn, think and create - Parents have specific needs when it comes to selecting app for their child. First, they desire app that are entertaining. Second, they desire app that encourage learning with content. Third, they wants app that offer content that is familiar to their child. Lastly they look for apps that can occupy their children so that they can finish their work. This application will be beneficial for children in all aspects. As there is sketchbook feature so they can draw and explore their imagination.

Toddlers understandable representation - When parents select apps for young children, they have particular needs. However, it is unclear how these needs might be fulfilled. Parents want apps with clear design, controllable, educational content, challenges and technological innovation. While today's children are relatively competent users of touch screen media at a very young age, parents remains the gatekeepers of young children's media selections. As there is info graphics representation of the content so the children will be passionate about learning also they will be attracted because of the jungle book theme. Voice and pronunciation of contents - There will be proper pronunciation of all the contents such as alphabets so that they can learn all the contents accurately without reading anything. This will also help to develop their verbal abilities.

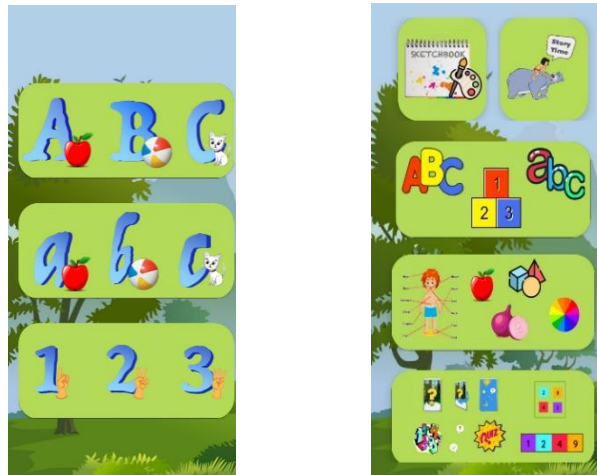
II. METHODOLOGY

Basically, This application is going to help the toddlers to learn their initial letters of their name, surname, pronounce the word correctly. This application is helpful for children's as well as parents too to search easily anything in the application and learn there child A, B, C, D and parents don't need to worry about the bed time stories because we provide here bed time stories with voice so they can sleep well while listening stories at night. We provide here a sketch book to draw child like alphabets, fruits, colour name, numbers, etc. We mentioned here some specific age group so parents are easily click there and teach there child according to there child's age. Behalf of this application parents teach their child and do their works too. It makes easier to

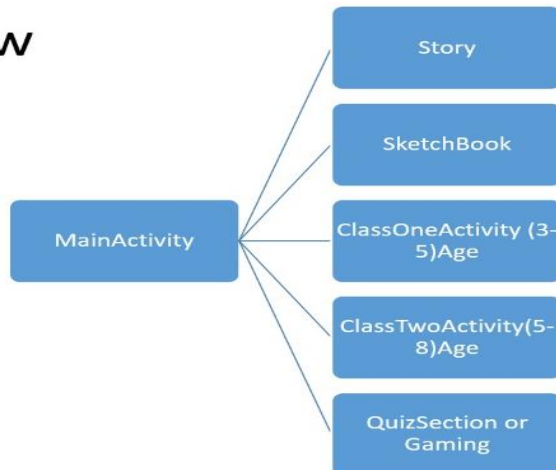
child as well as parents too. The application is to performs four essential tasks – [i] Planning/Analysis [ii] Architecture [iii] Designing of frontend [iv] Connecting frontend to backend.

2.1 Planning / Analysis

We planned here to used initial letters of ABCDs with different colours that’s make toddlers interest and colourful so they can enjoy while learning and having fun through the application. We specifically mentioned here aged group so whenever parents open our application they can easily get sorted view.

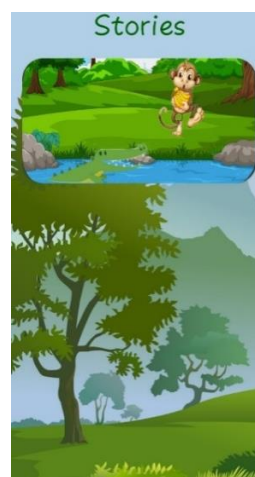


• **Work Flow**



2.2 Designing of frontend

For design we provide here small a b c d , with a sketch book so they can practice the alphabet with different front and colours. We take here a jungle theme to build children’s interest to learn with fun and have stories too.



2.3 Connecting frontend to backend

In backend we have used java and some oops concept and in frontend we have used xml.

III. DISCUSSION

So the results which we can get from the kids learning application is that , this application will help kids to learn in an entertaining way. No child would face the boredom as there are so many interesting activities involved here. By taking the children's mentality in consideration, all the things i.e., from choosing the color theme to choosing background and pictures are done. So that a child will be keen to learn and he/she will themselves ask their parents to let them use the application. They will be taught all the basics which are much needed at a certain age which may or may not be taught in schools by every teacher. Here, they will be able to learn a single topic repeated until they don't completed understand it. So it will be beneficial for every child.

IV. CONCLUSION

So, Lastly we can say that our application will help kid's to analyse what they have been taught which make them curious to know more but in a systematic way where they know how, when and what to explore This overall process will help toddlers to learn practically & not only theoretically our application will make learning easier for toddlers & even will make learning entertaining to the core. It will easier for toddlers to understand each and every content clearly there is pictorial representation over text Also, the sketchbook feature will help to explore their thinking an imagination. And to develop their moral values there is a story time feature. So basically, it is fun app for learning.

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