



**UNITED
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A Apps for nonverbal Person

“বলতে চাই”



SUBMITTED TO:	SUBMITTED BY
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➤ ***Introduction:***

Disability is the consequence of an impairment that may be physical, Cognitive, mental, sensory, emotional and developmental or some combination of these. One of the sensory disabilities is being not able to talk. One person can be dumb from his birth or at any stage of his or her life. With this kind of disability a person cannot communicate with other person normally. They learn different kind of sign to communicate with others and use those signs to express their necessity. But the problem lies in a different position. As most of normal people do not understand their sign they often lack of knowledge to understand what mute people are trying to say.

We are now enjoying different kinds of gadgets and ICT tools in our day to day life. One of the most popular tools is a smart phone. It helps us in many ways. Mobile Apps is another blessing for us as we can use any new software in any smart phones so that we not have to buy a new phone to enjoy a new service.

As now-a-days smart phones are very developed we can build different kind of apps to provide various services to others. Now imagine an app which can speak whatever a person wants to say by a single click. This kind of app can help a dumb or mute person to communicate with others very easily which will make their life a little bit easier and help them to blend in with ease.

With the kind of busy life we are having now it is not possible for all parents to stay with their mute child all the time hence creating a problem what to do with the child or how to manage their child when they are not around. If they had a mobile app which can talk with a single click, they could give a mobile to their children and that children could speak about his or her necessities with the help of that mobile app. An adult person who cannot speak he or she can speak whatever they want to say though the use of the app. It will help the other normal person what he or she is trying to speak. Through this app one person can speak about his emotions, moods, hunger and other daily talkative like where he or she wants to go and others.

➤ ***System Overview***

With this thought I have tried to developed and mobile app for mute persons which will speak bangle language with only one click. It will show a total of seven options on the startup page as shown in the figure- 1.



Figure- 1: Startup Page of mobile app “বলতে চাই”.

Each of these option lead to many other options. If click on the option “বাসা” then the app will show figure- 2 as given below.

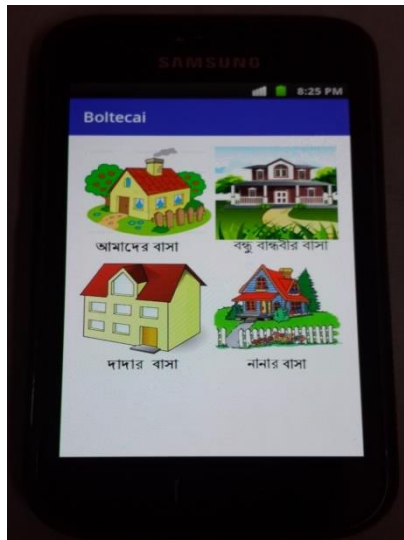


Figure- 2: After clicking the option “বাসা”.

From this page one will be able to see images as given in below:



Where each of these options will create a corresponding sound like “আমাদের বাসা” or “দাদা বাসা” or “নানা বাসা” when clicked.

By clicking on the option “খাবার” of the home page of the app one will find the page that is given in figure- 3.

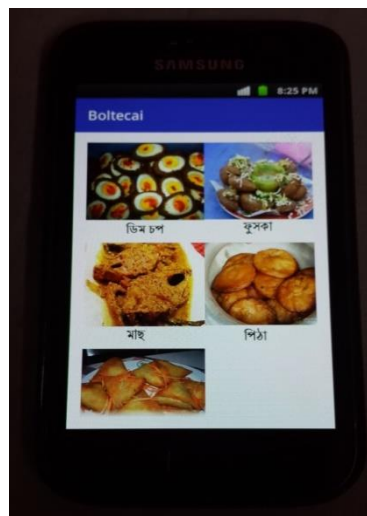


Figure- 3: After clicking the option “খাবার”.

From this page one will be able to see images as given in below:



Where each of these options will create a corresponding sound like “পিঠা খবো” or “মাছ খবো” or “ফুচকা খবো” and others when clicked.

By clicking on the option “পড়াশুনা” of the home page of the app one will find the page that is given in figure- 4.

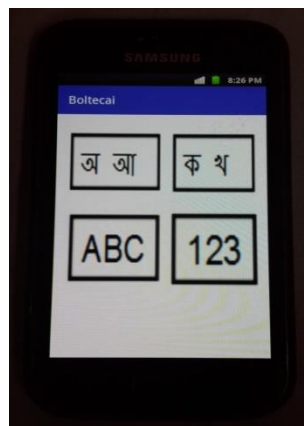


Figure- 4: After clicking the option “পড়াশুনা”.

From this page one will be able to see images which is related to our study like reading ABCD or 123

Or others by clicking on the option “খেলাধুলা” of the home page of the app one will find the page that is given in figure- 5.

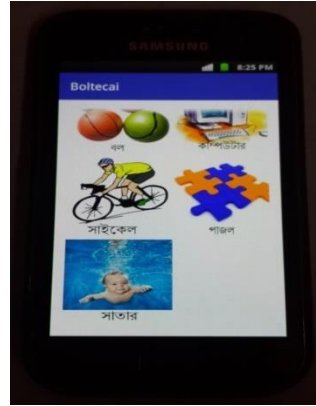


Figure- 5: After clicking the option “খেলাধুলা”.

From this page one will be able to see images as given in below:



Where each of these options will create a corresponding sound like “কম্পিউটারে খেলবো” or “সাইকেল চালাবো” etc. when clicked.

By clicking on the option “বেড়াতে যাব” of the home page of the app one will find the page that is given in figure- 6.

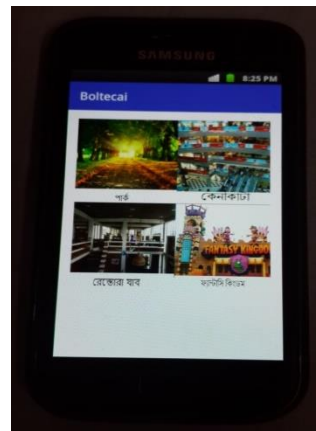


Figure- 6: After clicking the option “বেড়াতে যাব”.

From this page one will be able to see images as given in below:



Where each of these options will create a corresponding sound like “পারকে যাব” or “বেড়াতে যাব” etc. when clicked.

By clicking on the option “বাতরুম” of the home page of the app one will find the page that is given in figure- 7.

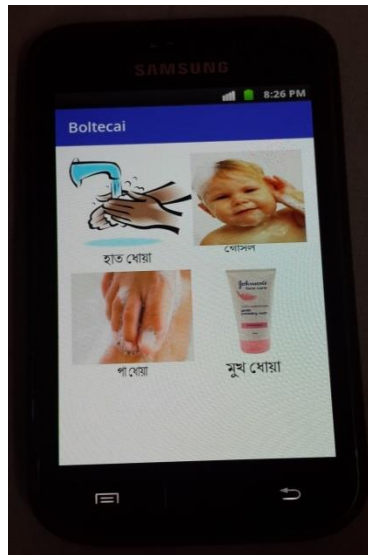


Figure- 7: After clicking the option “বাতরুম”.

From this page one will be able to see images as given in below:



পা ধোয়া



গোসল



হাত ধোয়া



মুখ ধোয়া

Where each of these options will create a corresponding sound like “পা ধুবো” or “মুখ ধুবো” or “হাত ধুবো” etc. when clicked.

Our last option “অনুভূতি” from this page one will be able to see images as given in below:



ঘুম



কষ্ট



খুশী



রাগ

Where each of these options will create a corresponding sound like “রাগ হস্ছে” or “কান্না পায়” or “ঘুম আসতেসে” etc. when clicked.

➤ Conclusion

This app is created with the help of java jdk-8 and Android studio. It works to a great extension but still it needs a lot of modification. It will definitely help the mute person to be more and more communicative with others. In future it can be upgraded with more and more day to day life option which can help them to be more and more communicative.