

**NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA SURATHKAL**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**IT351 - Human-Computer Interaction**

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**1)HCI-App Specifications-**

A **Voice Application**, or **voice-based application**, is any **application** that relies on speech requests or text requests to process a query and will respond to it. There are two options in the applications.

1)**Text-** User can enter the text and Siri can respond in text as well as in audio.

2)**Speech-**User can record the audio and Siri will respond in text as well as in audio.

Siri is a personal assistant who helps users in day to day life. User need to provide a text input or audio input such that Siri can help them.

**Instruction to run the program-**

1)Scan the QR code

**Or**

2)Install the .apk folder in mobile

**Barcode link for hei**



<http://ai2.appinventor.mit.edu/b/9vte>

OK

Note: this barcode is only valid for 2 hours. See [the FAQ](#) for info on how to share your app with others.

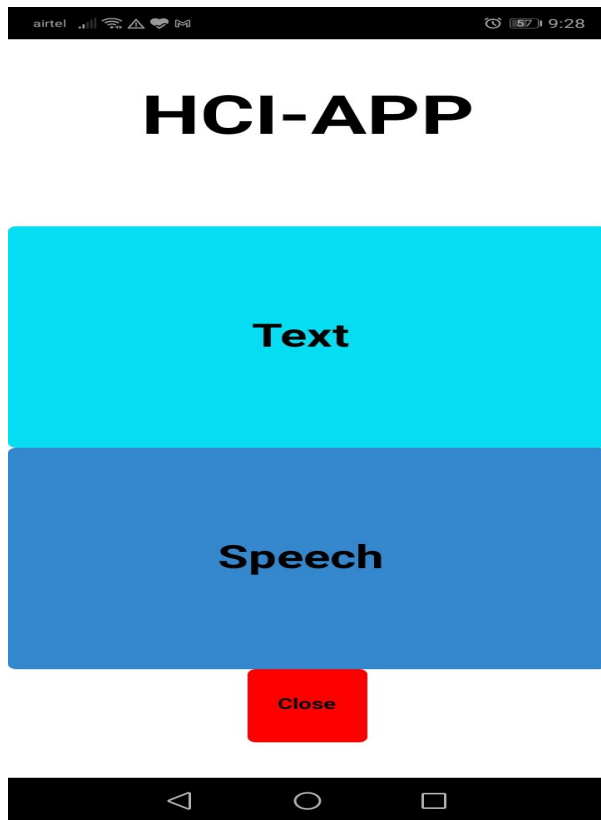
## **HCI GUIDELINES-**

- 1)Users need to be able to do the same thing the same way that they have been doing
- 2)Wide range of the user-design process considered for all types of user
- 3)Control is given to the user
- 4)Every error prevention should be done
- 5)Device isFlexible and efficient to use
- 6)Relevancy, simplicity, minimum amount of labels and uncluttered graphics are given.
- 7)Users can easily recognize options in the system rather than recall them.
- 8)User control and freedom.
- 9) Support undo and redo oprations.

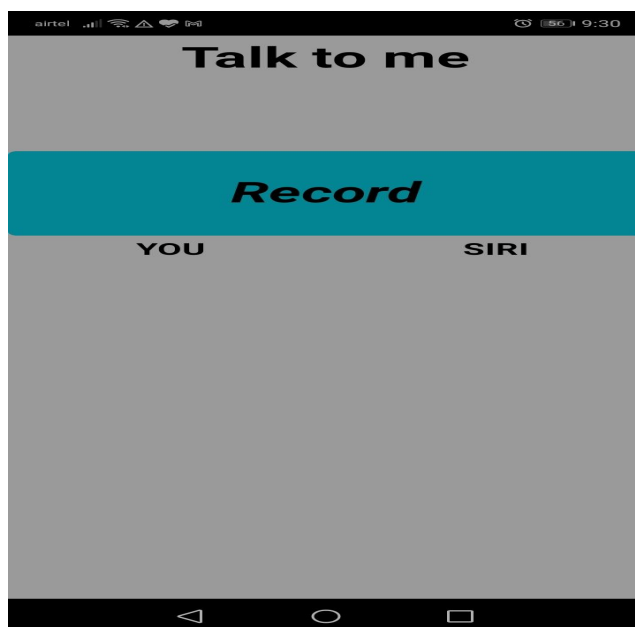
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# Screenshot-

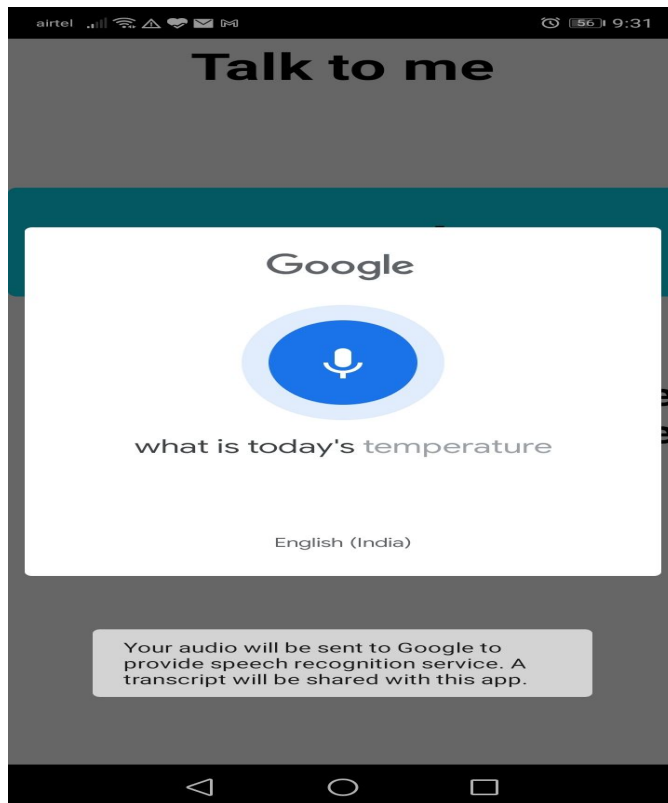
## 1)Index page



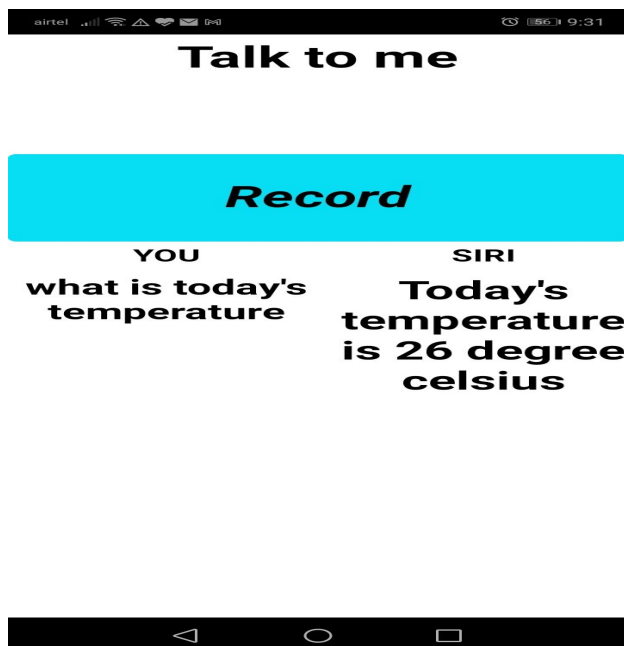
## 2)Speech section user can record the query.



### 3)Record the query or message



### 4)Siri audio message and text message



### 3)Text section-User can type the question



### 4)Siri audio message and text message

