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ESSENTIALS

Team Member Name : Gaurav Patni

Please upload a high-quality, well-lit headshot against a plain background for each of your team members.



OVERVIEW

- **App Name:** Essentials
- **App Description:** This app is doing 3 tasks –

Showing **B'Days**, we can add a new B'Day, we can search the details in **Google Sheet**

Call_Msg_Sender : We can search any number using - Phone Number picker, record the message using speech to text, can listen back what is written - using text to speech, can call directly, can send SMS or message through any social media platform

Language Translator – We can record the audio and convert it into Hindi language, and listen back what is converted

- **Track:** Adult Individual
- **Category:** Creativity, art & entertainment



THEME

In 100 words or less, describe the problem that you chose to address, and why you were interested in solving it. Please note that this portion of your submission will be published if you are selected as a finalist or winner.

This app is doing 3 tasks –

Showing **B'Days**, we can add a new B'Day, we can search the details in **Google Sheet**

Call Msg Sender : We can search any number using - Phone Number picker, record the message using speech to text, can listen back what is written - using text to speech, can call directly, can send SMS or message through any social media platform

Language Translator – We can record the audio and convert it into Hindi language, and listen back what is converted

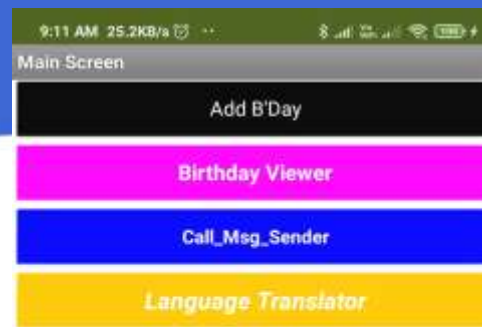
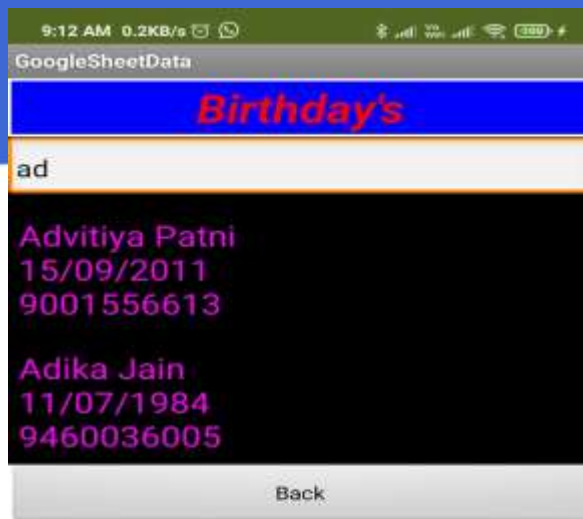


INSTRUCTIONS

Please provide step-by-step instructions for using your app, along with high-quality screenshots of the app. Feel free to add as many slides as needed.







Step 4: User clicks on search list box,
matching name data visible to us

Step 5: User clicks to go
to main window

Step 6: User clicks on Add
Birthday in main window



9:14 AM 24.2KB/s

Add Birthday

Add New Birthday

Name Chhavi Jain

B'Day (DD/MM/YYYY) 19/03/1980

ContactNumber 9413621554

Add Data

Back

Birthday

Thanks for submission

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Google Forms

Step 7: On Adding the data,

In Google Sheet, confirmation coming for data saving

9:14 AM 1.6KB/s

GoogleSheetData

Birthday's

Search list...

Gaurav Patni
09/10/1981
9414769842

Advitiya Patni
15/09/2011
9001556613

Adika Jain
11/07/1984
9460036005

Kailash Chand Patni
30/04/1952
9460380846

Shashi Prabha Jain
08/08/1957
9414460888

Chhavi Jain
19/03/1980
9413621554

Step 8: User entered data is visible

9:15 AM 0.1KB/s

GoogleSheetData

Birthday's

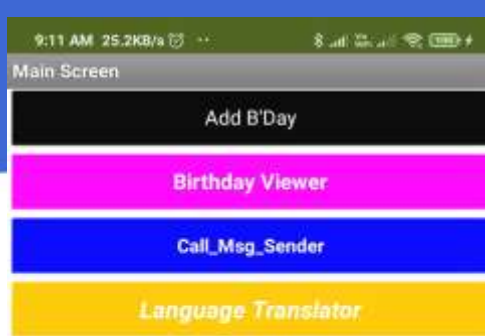
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Kailash Chand Patni
30/04/1952
9460380846

Chhavi Jain
19/03/1980
9413621554

Back

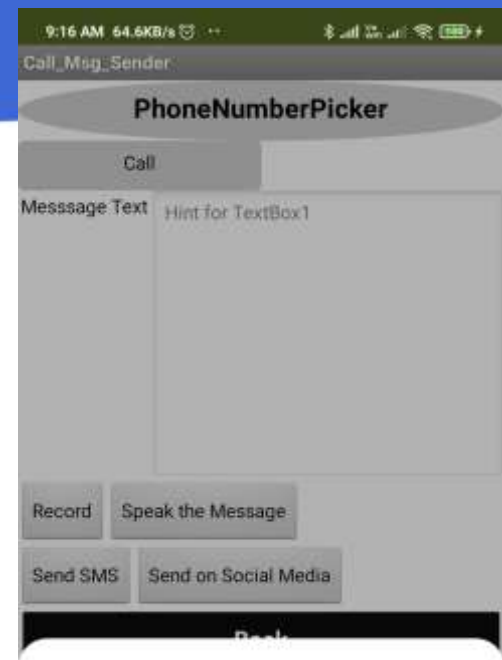
Step 9: User clicks on search list box, newly entered data matching data visible to us in search list



Step 10 : User clicks to go to main window



Step 11 : User clicks on **Call_Msg_Sender** button



Complete action using



Choose a contact

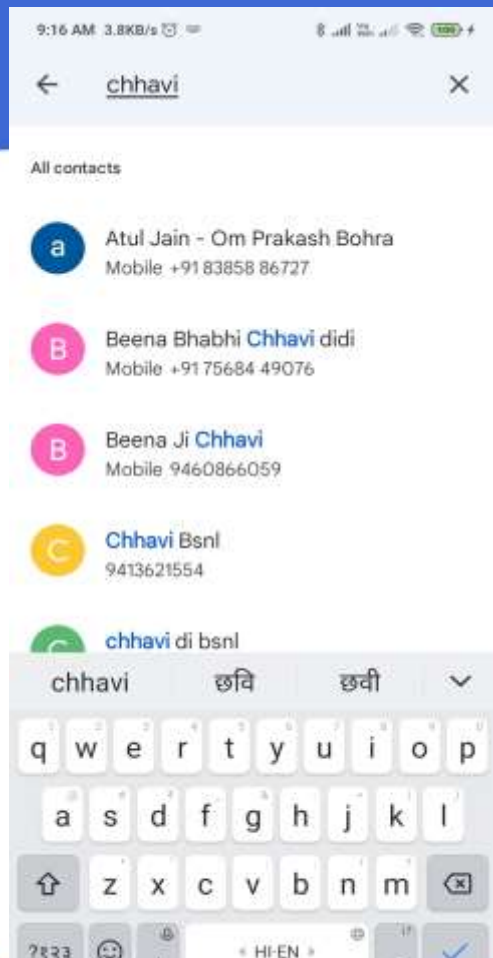


Contacts

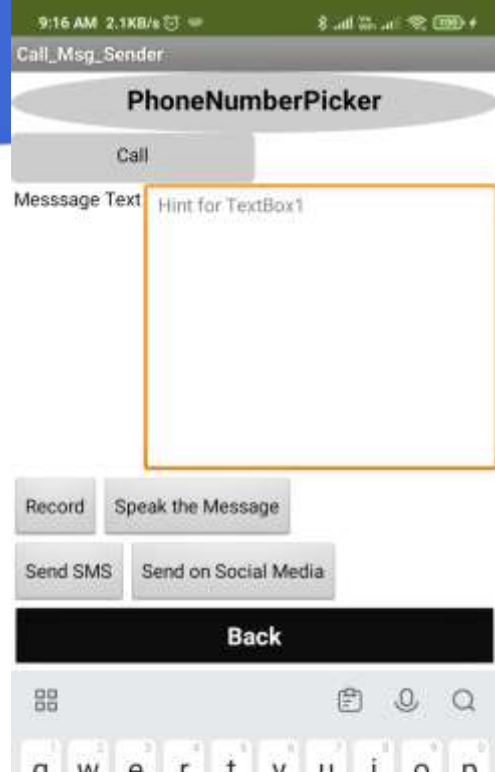
Step 12 : User clicks on **Phone Number Picker**

matching data visible to us





Step 13 : Using Phone Number picker – contact list is loading



Step 14 : Once phone number picker collects the number, again back to this screen, can make the call directly (if required)



Step 15 : As we click on Record Button, Google Voice Recorder comes to record audio and converts it to text



Step 16 : Recorded Text displayed in textbox, now we can send it as SMS or on Social Media app

This text can be listen by us using "Speak the Message" Button – text to speech

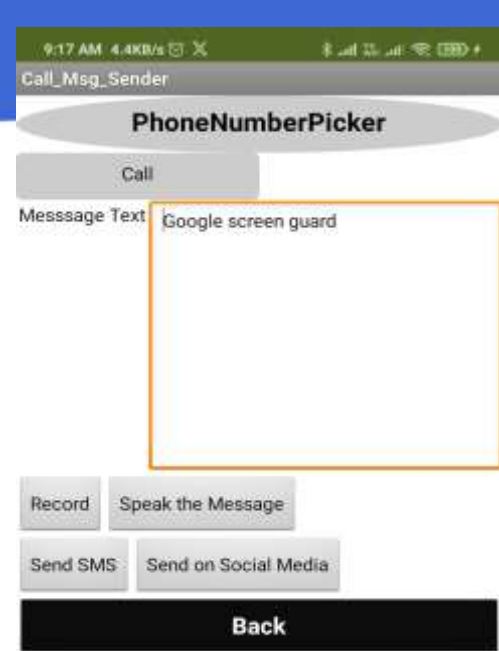
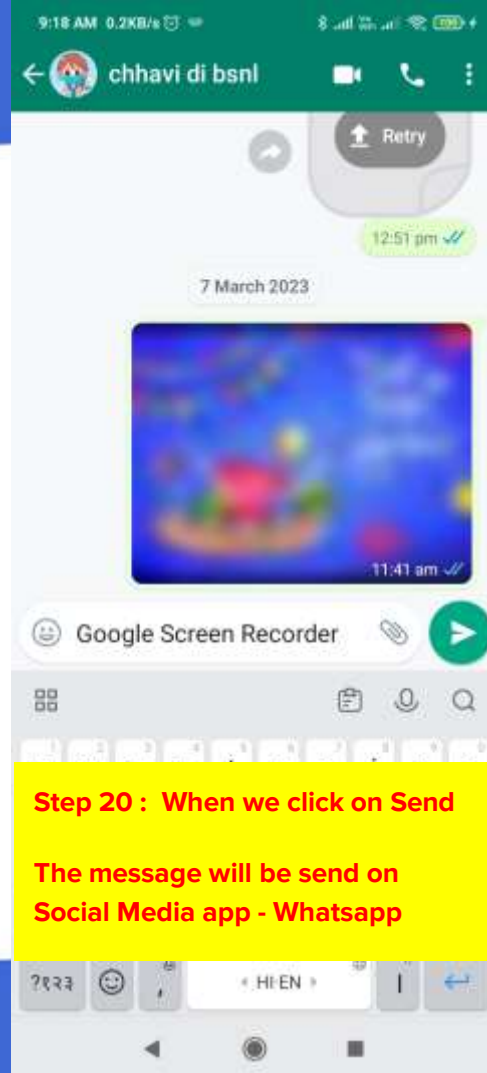
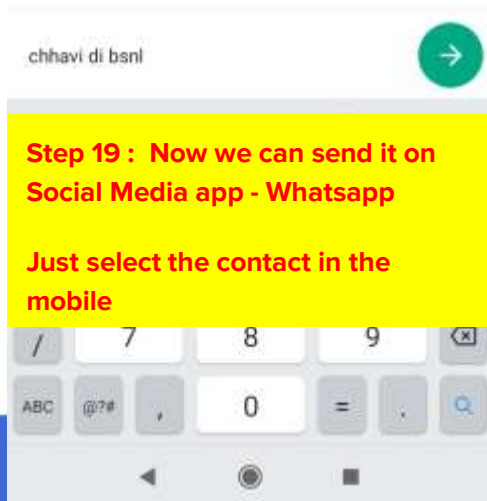


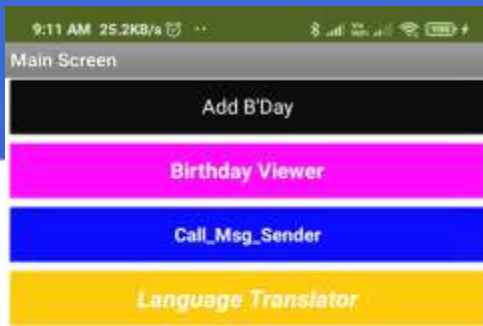
Step 17 : When we click on Send on Social Media



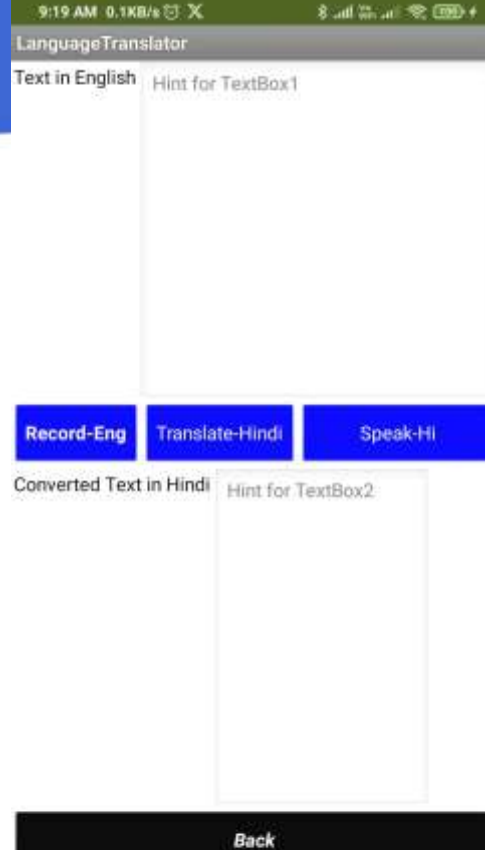
Step 18 : When we select number/name from contact list to Send message on Social Media



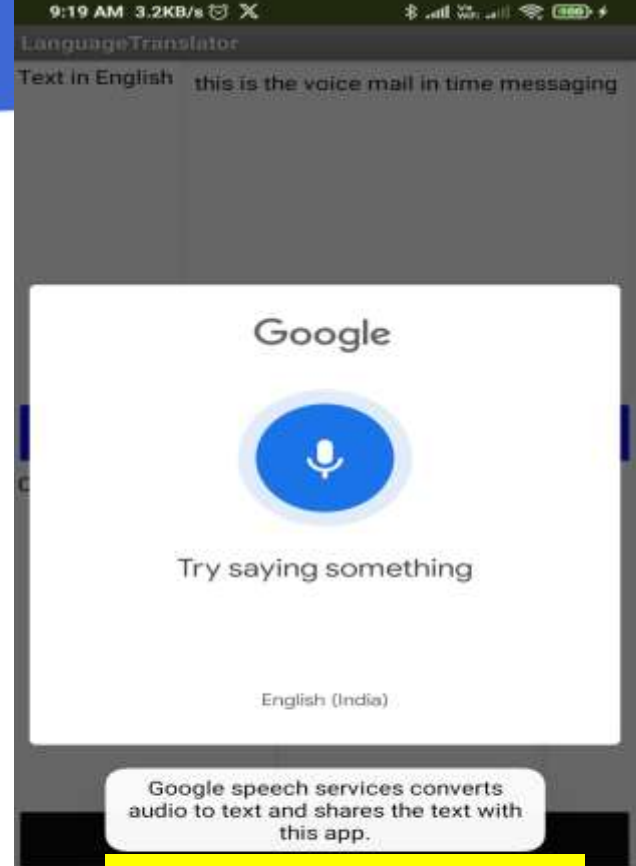




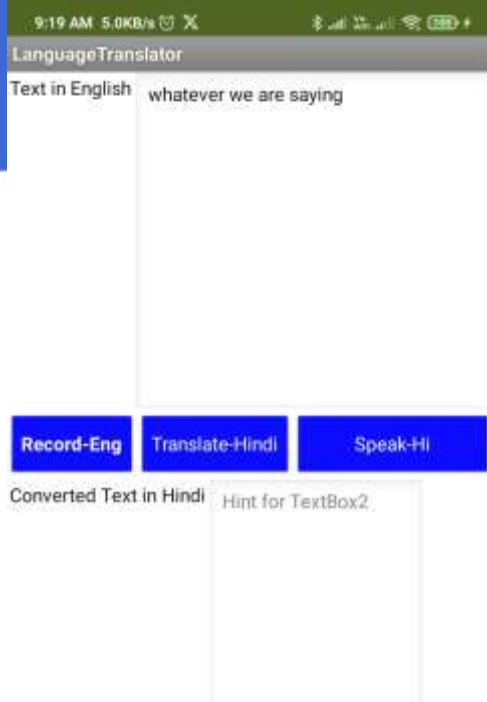
Step 22: User clicks to go to main window



Step 23 : When we click on Language Translator button on main window



Step 24 : When we click on "Record-Eng" - Google speech to text is opened, and the text will be displayed in textbox on the upper side



Step 25 : Recorded audio converted to text and displayed in the upper text box



Step 26 : Translated text will be displayed in the lower side text box



Step 27 : Text box written in hindi, its content will be readed loudly by the button "Speak-Hi"



*Video for app
running process*



LIMITATIONS

In 100 words or less, describe the limitations of your app and what people should carefully consider when using it.

We have not done following –

1. In the Google Sheet, we can add, view, search data, but due to dataloss chances, delete option not provided, if the user tries to add, new data will be added, duplicacy will be possible
2. Date picker was showing error to save data in google sheet
3. SMS sending depends on the mobile and plan from your service provider
4. Converted text from english to hindi, sometimes due to disturbance coming in the wrong manner



ACKNOWLEDGEMENTS

Please list the names of anyone who helped you with developing your app, and describe what type of help they provided.

- Person #1 : Ms. Kalpana Gupta – Guidance for various options
- Person #2 & 3 : Ms. Pooja Garg & Ms. Neelima Baj – Guidance for testing phase with critical data



APPENDIX

If you have any supplementary information you wish to include, feel free to add it to the Appendix. **This section is entirely optional.**

It is recommended to add materials to the Appendix if you submitted a hardware project (e.g. with schematics, flow diagrams) or if your project included significant programming components outside of the MIT App Inventor platform.

Please be aware that judges reserve the right to exercise their discretion in reviewing materials within the Appendix, and they may not review its entirety if they consider it excessively lengthy.

TITLE

I worked with in this app –

1. Window switching
2. Text to speech
3. Speech to text
4. Phone number picker
5. Google sheet
6. List view
7. Share
8. Language translator

