April 3

Worked on voice assistance with Ramu , how to encode

and decode data to base64

April 4

Understanding how the google custom search engine works

April 5

I created custom search engine and understood how it works   instead of google search engine, google search engine is the best one compare to custom search engine

April 6

      Without using base64 get the response by using google API

April 7

   Changed the icons and images for the google voice assistance application

April 10

Took leave

April 11

1.used API.AI for the google voice assistance application

April 12

1.Designed the UI for the google voice assistance

2.Made some changes in the  Google voice assistance application

April 13

1.Changed UI for the google voice assistance

2.Studied the documentation how to obfuscate the script files using different tools

April 14

1.Tried different tools to obfuscate the script files

2.Finally obfuscated script files done by using google closure tool

April 17

1. Studied how to call Mozilla activity of demo application in google voice assistance App

April 18

1. By using GVA called the Mozilla activity of demo application successfully

April 19

1.Handled web activities of GVA Application from demo application

April 20

1. Studied how to change the recorded file in Wav format to opus format

April 21

1. Studied the documentation of MediaRecorder

2. Used MediaRecorder for the recording but from the server side got error repsonse

April 24

25

26

27

28 worked on GVA application using V1 version instead of V1beta1

**For obfuscation**

**Google Closure**

Note that the compiler has stripped comments, whitespace and an unnecessary semi-colon. The compiler has also replaced the parameter name longName with the shorter name a. The result is a much smaller JavaScript file.

We need to download closure.jar file

Commands

For help

java -jar compiler.jar --help

For single file obfuscation

java -jar closure.jar --js jiocafe.js --js\_output\_file hello-compiled.js

for multiple files

java -jar closure.jar --js jiocafe.js app.js --js\_output\_file hello.js

java -jar closure.jar --js smsManager.js --js\_output\_file hello.js

Uglify minify manglify ecmascript harmony

Npm obfuscator

npm install -g js-obfuscator

**to obfuscate**: jsobfuscate app.js

java -jar closure.jar --js adapter-latest.js --js speech-understanding.js --js custom-elements.js --js contacts.js --js contact-list.js --js contact-details.js --js smsManager.js --js open-apps.js --js music.js --js navigation-bar.js --js locale.js --js index.js --js\_output\_file output.js

May updates

May 1 Monday

Holiday

May 2 Tuesday

1.Used api v1 instead of v1beta1 for GVA application

May 3 Wednesday

1.Studied SSML documentation

May 4 Thursday

1. Worked on texttospeech by using bing api

May 5 Friday

1.created 6 demo apps for testing

2.created demo app text to speech by using different ssml attributes and elements

May 8 Monday

1.Tested indain ivr text to speech API

2.Created demo application for Indian ivr

May 9 Tuesday

1.Created demo Text to Speech application for Microsoft and Indian ivr

May 10 Wednesday

1.Tested IRCTC chatbot

2.Changed the TTS application for both English and hindi languages

3.

May 11 Thursday

1.Tried output for synchronous speech using google API

May 12 Friday

Created JS file(SDK) (API’s for the Indian TTS )

App with settings

May 15

1.Added Settings page to the previous TTS applicaton

May 16

1. Worked on TTS API for the settings

May 17

1. Worked on TTS API for the settings

May 18

1.Worked on the Sdk for the TTS application

May 19

1. Tested output for different audio formats

May 22 Studied javascript Factory desgined patterns

May 23

1.Studied javascript Factory desgined patterns

2.Studied documentation of GRPC

May 24

1.Studied documentation of GRPC

May 25

May 26

1.Made some changes in the TTS sample application

May 29

1.

May 30

May 31

June 1 thursday

1. Ogg opus codec is not working in GVA application
2. I recorded audio by using Media recorder but i got empty response from the server
3. I tried with workers for audio recording using vorbis library
4. I got bad request response from the server

June 2 Friday

1.I downloaded one Ogg vorbis audio file and converted to base64 in online and tested in the postman and i got response as Bad request (400)problem in the base64 encoding .

2.Uploaded one OGG OPUS audio file into the Google bucket storage and passed the Uri link in the postman it works fine and got success response.

3.Google speech api supports the OGG opus codec.

June 5 Monday

1.OGG Opus is not working because of the recording problem

2.I tried to record the audio in any other way instead of mediarecorder

June 6 Tuesday

1.I tried to record using webRtc

2.Recorded audio files(ogg opus codec ) giving empty response with success status code 200 for google speech api.

3.while recording audio using mediarecorder we cannot set bitrate and sample rate.

june 7 Wednesday

1.studied about opus audio files and how we can record the audio using web Api’s.

2.google api is not understanding the encoded string of recorded audio.

june 8 Thursday

1.Tested the IRCTC Bot after entering the train list and captured the postdata and response data for station codes and station names .

2.worked on ogg opus .

June 9 Friday

1.searched for the recording of ogg opus audio

June 12 Monday

1.Worked on the OGG opus audio to get the response from the Api but api is not understanding the base64 format and giving the response as empty with success code

June 13 Tuesday

1.started studying React Javascript

2.Executed one simple application in the browser by using ReactJS

June 14 Wednesday

1.studied some basic concepts in react Components,State,props and component Api

2.Executed some sample applications by using above concepts

June 15 Thursday

1.React is based on components ,read about the component life cycle in react

2.Searched for tool bar with icons using Amaze UI and other reactive tool bar modules

June 16 Friday

1.Tested the JIo games app developed by using ReactJs

2.Tried recative-toolbar and reactive- native- vector- icons concepts for the toolbar for Jiogames application

June 19 Monday

1.Created one Demo App to get the Long press CSK key event function.

2.Captured the log files for key events

June 20 Tuesday

1.Tested the Jio-games app navigation.

2.started working on chatbot in reactjs

June 21 Wednesday

1.By using axios module made ajax calls in reactjs.

2.Handled key events to navigate in the home page

June 22 Thursday

Took Leave

June 23 Friday

1.Worked on React Router concept for navigation in the chatbot application.

June 26

1.

June 27

1.Started work with Vishnu on Chatbot in react Js

2.Tried some Demo examples for the Ajax calls by using Axios and Fetch Libraries

June 28

1.Changed the

2.

June 29

June 30

July 3 Monday

1.Tried some demo apps for the carousel templates

July 4 Tuesday

1.Created template for the carousel

2.Integrated react Router code for the chatbot home page

July 5 Wednesday

1.Used Ajax post request for the chatbot .

2.successfully get the respsonse from the server.

July 6 Thursday

1.Created Footer with textarea and send button

2.Displayed response from the server in second page using componentdidMount

July 7 Friday

1.Created Footer component With LSK and RSk

2.Tried Scroll-to-element

July 10-July 14

July 10 Monday

1.Done the Ajax calls and showed response from the json for the different payloads by the user

July 11 Tuesday

1.Added Footer component

2. Handled onkeypress event on the icons using LSK And RSk in the mobile

July 12 Wednesday

1.Changed icons of Lsk and Rsk in the footer .

2. passed the selected bot value to the child components using router

2. July 13 Thursday

1.Integrated the code home page with second page using react router concept

2. Tested the App and noticed some user issues

July 14 Friday

1.modified some code for navigation in home page and also added some CSS

2.Handled selection of bots in home page the app only works for RailEnquiry and for other bots I’m showing some error message

July 24-July 28

July 24

1.Studied some basics topics of Redux

2.Actions,components in the redux

July 25

1.Made some changes in the chatbot app.

2.code cleanup

July 26

1.tried some examples of redux in the simulator.

2.studied how to use Redux with React.

July 27

1.Added IndianTTS function in the SDK

2.used indianTTS for the chatbot application

July 28

1.Tried to use MozActivity in the react and studied about acthesis library.