OTP Generator App

Application Designed by: Ashish Gupta

Contact No: 9582556333

Design Document:

Technology Used:

Db: Mongo Db with Mongoose ORM

Backend Technologies: Node Js, Express Js

Frontend Technologies: Angular 6

URL: http://localhost:4200

Libraries Used:

- 1. Twilio (SMS to mobile number)
- 2. Angular Materials
- 3. Lodash
- 4. Ngx-loading

Application Description

An App that can send an OTP (via SMS) to a list of contacts, one at a time. User can see the list of all the contacts on Contacts dashboard and on click of send OTP user is navigated to the page where OTP is generated and user can click to regenerate the OTP and can then send the OTP to the contact mobile number and notification text is added for status.

To view the list of all the OTP's send user can navigate to Messages Dashboard where all the OTP sent can be seen sorted on the basis of timestamp. Message sorting is executed at the Db level.

Points to Note

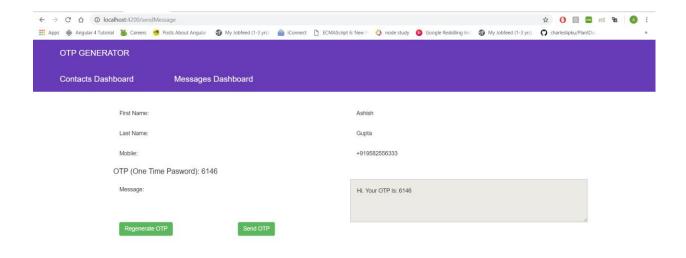
- 1. Start MongoDb server to start the Db.
- 2. Backend server is running on http://localhost:3000
- 3. Initialize the Db with initial values of contacts using url: http://localhost:3000/contacts/initiate
- 4. User cannot navigate directly to http://localhost:4200/sendMessage due to presence of routing guard, to navigate user has to select contact from contacts Dashboard.
- 5. Due to absence of free number facility to send messages to mobile numbers, Actual messages are not send to number but test credentials were used to validate.

Application Screenshot:

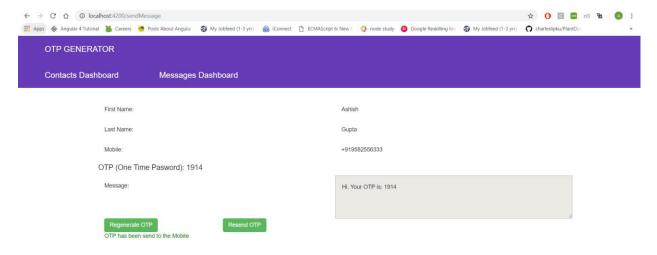
Home Page:

OTP GENERATOR						
Contacts Dashboard		Messages Dashboard				
	First Name	Last Name	Mobile	Last OTP Send	Action	
	Ashish	Gupta	+919582556333	8125	Send OTP	
	Kapil	Balwani	+919582666333	5469	Send OTP	
	Romanshu	Jain	+919582446333	8237	Send OTP	

OTP Page:



OTP Page after OTP is sent



Dashboard to see list of messages:

