

Live at - <https://infinite-woodland-18613.herokuapp.com>

Limitations:

- Static json – thus is loaded only once in a *global* const when the server starts.
- Twilio's trial credits & India's DND blocking ([twilio support](#))
- Heroku/CDN might be down sometimes. Heroku app sleeps if idle.

Decisions

- 4 Pages – Home, Contact Info, Send Msg, OTP Confirmation
- NodeJS and Express for server
- Used server side templating using ejs
- Used bootstrap (cdn) for basic styling
- Used external json hosting service for contacts list

Index.js functions:

```
8   let contactList
9   let sentSMS = []
10
11  /* Twilio Setup */
12  twilioConfig : { ... }
16  const client = require('twilio')(twilioConfig.accountSid, twilioConfig.authToken)
17
18  /* Fetch JSON of Contact List once */
19  const contactListJSONurl = process.env.contactListJSONurl
20  request({ ...
23  }, function (error, response, body) { ...
29  })
30
31  /* Define all the routes here */
32
33  // home page
34  app.get('/',function(req, res){ ...
46  })
47
48  // Render info page - if the contact ID exists
49  app.get('/contactInfo/:contactId',function(req, res){ ...
61  })
62
63  // Render otp page - if the contact ID exists
64  app.get('/sendSMS/:contactId',function(req, res){ ...
76  })
77
78  // Send twilio otp sms - if the contact ID exists & add suucesfull entry to Sent SMS object array
79  app.get('/sendTwilio/:contactId', function(req, res){ ...
101  })
102
103  // start the server
104  app.listen('3000')
```