



# PROPOSAL

By Encodersoft

## ABSTRACT

Safe Snap (Android & iOS Application in React Native) with admin panel and marketing pages.

For more info visit

<https://www.encodersoft.co/>

## FRAMEWORKS:

- React JS for frontend Web.
- React Native for frontend App.
- Tailwindcss <sup>[1]</sup> is CSS framework for designing.
- Node JS <sup>[2]</sup> for Backend.
- Express JS<sup>[3]</sup> for Backend routes.

## Libraries, API, and packages in the whole Project

**Material-Ui** <sup>[4]</sup>: Library for React component in the website.

**Redux** <sup>[8]</sup>: we will use redux in the whole project. Redux is a very powerful tool to build large applications. By using that all applications will run with no refresh on any page.

**AXIOS & Fetch**: These two APIs will use to pass requests between the frontend and backend.

**React image compressor**: it is used for image compression in case the user uploads very large data.

**JWT Token**: For security, we are using a JWT token. It double-checks requests between the front end and backend.

**Socket io** <sup>[9]</sup>: Using socket io we are performing all instant actions (comments, messages)

**Google Map API**: To get the user's current longitude, latitude, and city name

## DATABASE IN Project

**MONGO dB** <sup>[11]</sup>: we are using MONGO Database. We can host MONGO to its official website (Limit 500MB) or we can use Mongo Db at our WPS (No limit storage of Mongo DB depend on WPS storage)

**Hosting:**

In our VPS, our backend will run (NODE JS). It is holding all requests for backed. Front end for the website hosted here.

We can host projects at any hosting. Following hosting we already use

- AWS <sup>[13]</sup> Hosting (In most of the projects)
- Contabo <sup>[14]</sup> hosting

**Web Domain:**

We can use any domain services. The domain will be attached to hosting.

## **Project division:**

### **Mobile App:**

#### **Part 1**

- Account Registration (With functionality)
- Account Signing (With functionality)
- Forget Password (With functionality)
- Automatic store credential after login
- Users will get the secret key (from the server)
- Design of landing page with three buttons (Only design)
- The camera opens by clicking on the button

Estimate Budget: 500\$      Time: 08 days

#### **Part 2**

- Users can save contacts
- Manage contacts (edit, delete, view)
- Attach functionality on buttons through the backend (Node JS)
- Get user location through google map API (Area, Latitude, Longitude)
- Cron job at server side where algorithm tracks the timing and send an email on time.
- Automated email sends to the contact list
- User able to close timer after entering the safe zone
- On the contact list, users can view and open in Google map (Location)

Estimate Budget: 1000\$      Time: 15 days

### **Admin Panel with a landing page for marketing (web):**

- Admin Login
- Authentication of users (Admin able to active/deactivate users)
- Manage and view all activates
- See Analytics of user's actives
- Admin can deactivate the alarm
- See user locations
- Other user data in table forms
- Marketing pages (static pages, like how it works or landing page)

Estimate Budget: 700\$      Time: 10 days

### **Team Members:**

- Full stack Developer (me Saeed) (will work on functionality behind any button and work on Server side and API integration)
- Frontend Developer (will work on some of UI screen only design)

Thank you very much for your precious time. We are looking forward to working with you.

Feel free to give us any suggestions and if you have any queries contact us.

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[Upwork](#)

<https://www.upwork.com/freelancers/~01400f102640b78eb5>

[FIVER:](#)

<http://fiverr.com/saeedartists>

## References.

- 1 <https://tailwindcss.com>
- 2 <https://nodejs.org/en/docs>
- 3 <https://expressjs.com/en/5x/api.html>
- 4 <https://material-ui.com>
- 5 <https://ant.design/docs/react/introduce>
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- 10 [https://developer.apple.com/documentation/sign in with apple](https://developer.apple.com/documentation/sign_in_with_apple)
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