**Senior Living Service React App Proposal**

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**Technologies**

* Node.js
* MongoDB
* Mongoose
* Express
* React
* Google API
* Bootstrap
* HTML5
* CSS
* jQuery/Axios
* node-mailer
* Handlebars-react

**Overview**

Senior Living Services is an assisted living referral company. Our client helps families find assisted living homes for their loved ones. The intent for building the new website is to provide a portal where visitors and potential clients can search for facilities in their area as well as learn more about the services our client provides. The users will be able to search for facilities in any area directly from our client’s page. The website will also serve as a method of lead generation for the business owner by collecting user data and storing it to a database only accessible by an administrator. The new web page will provide added functionality while being responsive and user friendly.

This application will be built using the technologies listed above, purposed as follows; The front end will be built using React.js and Bootstrap. The database will be assembled using MongoDB and Mongoose. The server will run in node.js utilizing Express. We are using the google places API for the search function.

This is a rebuild of the seniorlivingservice.com website. In the initial build we used Node.js, Handlebars.js and MySQL as our stack. The goal for the rebuild is to create a polished working application utilizing React.js and MongoDB. The original application was never deployed, and we believe the MERN stack would better fit our client’s needs. Using react would allow the results coming back from our API to be dynamically displayed without having to refresh if the user wants to change the query parameters. Using React over the MVC design would also greatly improve the speed and responsiveness of the application.