

Intelliquote

Members

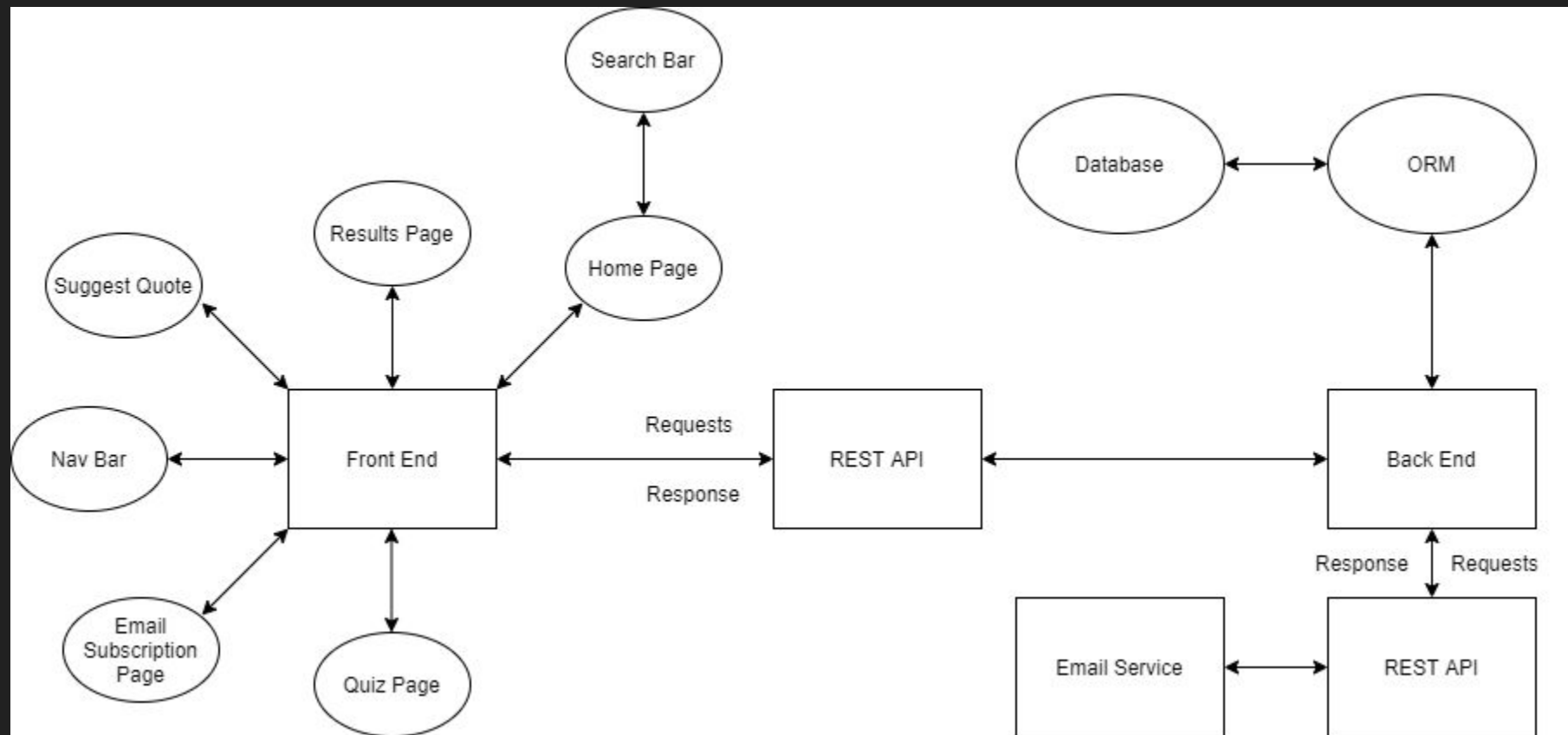
- Rishik Hombal - Leader
 - Devops
 - Backend Infrastructure
- Aman Bhriguvansh - Member
 - Front End Developer
- Jack Zhang - Member
 - Full Stack

Project Description

- IntelliQuote is a simple and elegant web platform geared towards people who like quotes.
- The web application's core functionality is to serve as a quotes database, but with added features to serve our users in an interesting and engaging way
 - Quiz
 - Email

Architecture

- Our web app is composed of user facing front end which communicates with database backend through a REST API
- The backend also communicates with an Email Service through a commercial REST API
- Front End -
 - Different Components for different pages (Home page, Quiz Page, etc) and for different features(Search bar, Nav Bar, etc)
 - Makes GET/POST requests to our REST API
- Back End -
 - ORM
 - Database
 - MVC



Technologies Used

Front End Technologies

- React (JavaScript) / CSS / HTML
- NodeJS
- Jest / Enzyme
- Axios / ReactRouter

Other Technologies

- Git
- Figma
- Trello

Back End Technologies

- Spring Boot (Java) / JUnit / Mockito
- Maven
- Hikari Database
- SendGrid

Lessons Learned

- Version Control
 - Branch Management
 - Bug Tracking
 - Merge Conflicts
- Unit Testing
 - Unit testing in different technologies
- Frontend
 - Document Object Model (DOM) and react lifecycle
- APIs
- Setting up Backend Infrastructure