

Public and Proprietary Software

The User Interface, Middleware, the Database System are the primary segments of the application. The front-end web application contains pertinent graphs and filters that the user can use to visualize the trends across various parameters effectively; via this interface, the user interacts with the application. The backend will form the query based on the parameters the user submits, fetch the data from the database and send the response back to the user. The database system is the cardinal component of the application where entities are stored. This system is responsible for executing the query and sending back the responses to the requested backend. We prefer using the following frameworks. We will use ReactJS for developing the front end of the web application. ReactJS uplifts productivity because of the flexibility of libraries that ReactJS offers. Many companies prefer ReactJS for its ease. We will use Spring Boot for developing our backend. No backend framework is more reliable and efficient in performance than the Spring framework. We will be storing and querying data using Oracle database management systems.