

Contents

1	Technology	2
1.1	MEAN STACK	2
1.1.1	MongoDB	2

1 Technology

1.1 MEAN STACK

MEAN stack is the best solution for building application using javascript and since we are implementing the MVC architectural pattern for the navUP system , MEAN stack is the best way to deploy the current architectural pattern . It includes mongo , express , angular and nodejs which allows us to built fast and maintable applications.

1.1.1 MongoDB

MongoDB is a document-oriented database that provides high perfomace,availability and scalability. It works on the concepts of collection and documents. For the NavUP application , we used mongoDB to store data such as routes,user preferences.

1.1.2 Express

Express is fast and flexible framework for nodejs .

1.1.3 Nodejs

Nodejs is JavaScript run-time environment for executing JavaScript code server-side.

1.2 NSQ

NSQ is a library used for communications between different modules like access ,gis and navigation modules.