PROJECT REPORT

In this project I tried to create a simple website using MongoDB and Node.js. Here I used the [Node.js](https://nodejs.org/en/) and the [Express framework](http://expressjs.com/) to build a simple form and the data is stored in the MongoDB database. In my application , Node.js is used for front end and MongoDB is used for back end.

Node.js is an open source server environment and it allows us to run JavaScript on the server and MongoDB is a document database which stores data in flexible, JSON-like documents.

This application input the name and email and it will be stored on the mongo database. In my mongo database insertion, updation and deletion of data is also possible. The packages and the facts that helped me to build this application are

* MongoDB is a document database which stores data in flexible, JSON-like documents.
* In this project I installed the MongoDB Compass which is the official GUI for MongoDB.
* Express which is a lightweight web application framework for Node.js, which provides a robust set of features for writing web applications.
* pug templating engine is also used in my project which has its own  indentation-sensitive syntax for writing dynamic and reusable HTML.
* [body-parser](https://www.npmjs.com/package/body-parser) is a package which will make the form data available on the request body.
* To establish the connection to the database and to perform operations on it, I used the  [Mongoose](https://www.npmjs.com/package/mongoose). Mongoose provides a straight-forward, schema-based solution to model your application data. It includes built-in type casting, validation, query building ,etc.

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