PROJECT REPORT

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

Nodejs 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, email, Mobile number and city. It will be stored on the mongo database. In my mongo database insertion, updating and deletion of data is also possible. The packages and the facts which is 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.
* For validating my form inputs I used the [express-validator module](https://www.npmjs.com/package/express-validator).
* 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.
* For performing http authentication in my application I used the  [http-auth module](https://www.npmjs.com/package/http-auth).