**Assighnment 1-Web Programming Application**

This application is used to store the details of a user and display the stored details from the database.Database used in this application is MongoDB which is a non relational database.Node JS is used for the backend coding.Data are stored in the form of documents.This application include three files .One is for the html form which is used by the users to enter the details another html file include a table structure where the stored details of users are displayed here.

Html form and table files are stored in ‘.ejs’ format.Because it is the template engine used.For running this application ejs,body-parser,express and mongoose needs to be installed.ejs is the template engine. Express provides a minimal interface to build our applications. It provides us the tools that are required to build our app. It is flexible as there are numerous modules available on **npm**, which can be directly plugged into Express. Mongoose is a client API for **node.js** which makes it easy to access our database from our Express application. To handle HTTP POST request in **Express.js** version 4 and above, you need to install middleware module called body-parser. Body-parser **extract the entire body portion of an incoming request stream and exposes it on req.body.**The middleware was a part of Express.js earlier but now you have to install it separately.This body-parser module parses the JSON, buffer, string and URL encoded data submitted using HTTP POST request.We can Install body-parser using NPM.

After installing all these application can be run by executing the js file.Here it is ‘start.js’.Then run it in a localhost using the unused port number 8080.Database name used in this application is ‘mydatabase’ and collection name is ‘student’.

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