**MERN STACK COURSE :**

**Lesson 1**

**Tools - Installation :**

* VS Code
* Robo 3T
* Node
* MongoDB

**STEP-1**

* **Coggle.it -** used for requirements gathering phase
* [Architecture](file:///Users/kants2/Documents/Projects/MernBootCamp/Architecture of project.pdf)

**Lesson-2 / Express server / STEP-2 :**

* **npm init :** it is used to create package.json file (this is the main step for the project )..it will initialize all the scripts required for our project.
* In this we have learnt about the npm init and package.json file and able to create the localhost server.
* Learned about the **nodemon** – which is used to restart the file / server on click of save …rather than manually restarting the server everytime we make any changes.

**Lesson -3 / Db Modelling / Step – 3 :**

* **Mongoose** Library – object modelling for MongoDB for Node js (make code simple..to deal with connecting to DB and writing rules etc ..)
* **Salt** / **crypto** used for password encryption - add some random string to password / pass phrases and make it encrypt.
* Write database schema …(user, ) – create and export the user schema to outside
* **Virtual** field – created on the go or created based on the existing data.

ex: fullname = firstname + lastname ; fullname is virtual