**Session 2**

This Session is designed to help you get off the ground building a REST API in NodeJS that you can use for your web or mobile application. This course will provide you with the tools and understanding of how to go about building an API server, accessing and manipulating data via this API. The database will be a MongoDB instance and you will be utilizing NodeJS to communicate with that database and the client using the ExpressJS framework. This API will be able to serve data to web clients as well as mobile applications.

If you want to learn how to leverage the power of NodeJS and build a powerful API for your application you should take this Session. You should have some knowledge of JavaScript and programming basics as the course does kick off to quickly develop a well-defined API in a short amount of time.

In this session you are going to learn following things:

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| S No | Recipe Name | Duration(in minutes) | Details |
| 1 | **Recipe 1:**  Seting up MongoDB | 5-10 | Commands to set up DB on your system. |
| 2 | **Recipe 2:** Setting up our Server | 15-20 | To set up our project Server, we are going to use Express module. |
| 3 | **Recipe 3:**  Creating basic MongoDB model | 10-15 | Mongoose allows you to create models (OR Schema OR tables ) in your MongoDB database. |
| **Creating RESTful API’s using Node and MongoDB** | | | |
| **So our Resource will be “meows” and on that we are going to allow following CRUD operation.** | | | |
| 4 | **Recipe 4:** GET /meows | 15-20 | Return all Meows from Mongo DB |
| 5 | **Recipe 5:** POST /meows | 15-20 | Add new meow in MongoDB |
| 6 | **Recipe 6:** PUT /meows/remove | 15-20 | delete meow in MongoDB |