### **Mongoose ODM Part 2**

#### Objectives and Outcomes

In this exercise you will continue to explore the Mongoose ODM and learn about creating schemas and interacting with the MongoDB database using Mongoose methods. At the end of this exercise, you will be able to:

* Perform Database operations with Mongoose methods

#### Mongoose Operations

* Now, update index.js as follows:
* . . .
* Dishes.create({
* name: 'Uthapizza',
* description: 'Test'
* })
* .then((dish) => {
* console.log(dish);
* return Dishes.find({}).exec();
* })
* .then((dishes) => {
* console.log(dishes);
* return Dishes.remove({});
* })
* .then(() => {
* return mongoose.connection.close();
* })
* .catch((err) => {
* console.log(err);
* });
* . . .
* Run this server on the console and see the result.
* Do a Git commit with the message "Mongoose Part 2".

#### Adding Sub-documents to a Document

* Update dishes.js in the models folder as follows:
* . . .
* var commentSchema = new Schema({
* rating: {
* type: Number,
* min: 1,
* max: 5,
* required: true
* },
* comment: {
* type: String,
* required: true
* },
* author: {
* type: String,
* required: true
* }
* }, {
* timestamps: true
* });
* var dishSchema = new Schema({
* name: {
* type: String,
* required: true,
* unique: true
* },
* description: {
* type: String,
* required: true
* },
* comments:[commentSchema]
* }, {
* timestamps: true
* });
* . . .
* Update index.js as follows:
* . . .
* Dishes.create({
* name: 'Uthappizza',
* description: 'test'
* })
* .then((dish) => {
* console.log(dish);
* return Dishes.findByIdAndUpdate(dish.\_id, {
* $set: { description: 'Updated test'}
* },{
* new: true
* })
* .exec();
* })
* .then((dish) => {
* console.log(dish);
* dish.comments.push({
* rating: 5,
* comment: 'I\'m getting a sinking feeling!',
* author: 'Leonardo di Carpaccio'
* });
* return dish.save();
* })
* .then((dish) => {
* console.log(dish);
* return Dishes.remove({});
* })
* .then(() => {
* return mongoose.connection.close();
* })
* .catch((err) => {
* console.log(err);
* });
* . . .
* Run the server and observe the result.
* Do a Git commit with the message "Mongoose Part 3".

#### Conclusions

In this exercise you learnt further about the Mongoose module and used it to create embedded schemas for sub-documents.