

```

1 //Customer
2 var customerModel = new Schema({
3   name: {type: String},
4   surname: {type: String},
5   companyname: {type: String, default: 'NA'},
6   country: {type: String},
7   email: {type: String, unique:true},
8   skype: {type: String, default: 'NA'},
9   phone: {type: String, default: 'NA'},
10  product: {type: String},
11  manager: {type: String},
12  stage: {type: String, default: 'NA'},
13  createdAt: {type: Date, default: Date.now},
14  modifiedOn: {type: Date, default: Date.now},
15  dueOn: {type: Date},
16  documents: [{type: String, default: 'NA'}],
17  notes: {type: String, default: 'NA'},
18  comments: {commentSchema}
19 });
20 (
21   timestamps: true
22 );
23 module.exports = mongoose.model('Customer', customerModel);

```

```

1 //**
2 * Created by Kyzylenko on 05.05.2016.
3 **
4 var mongoose = require('mongoose');
5 Schema = mongoose.Schema;
6
7 //ReportModel
8 var reportModel = new Schema({
9   currentWeek: {type: String},
10  nextWeek: {type: String},
11  weekNumber: {type: Number},
12  createdAt: {type: Date, default: Date.now},
13  postedBy: {
14    type: mongoose.Schema.Types.ObjectId,
15    ref: 'User'
16  },
17  {
18    timestamps: true
19  });
20 module.exports = mongoose.model('Report', reportModel);

```

Schemas Examples

Get Single User:
GET
api/users/UserId

Get all Users: GET api/users/

Create User:
POST api/users/

Login User:
POST
api/users/login

Logout User:
POST
api/users/logout

Register User:
POST
api/users/register

Update User:
PUT
api/users/UserId

Update User:
PATCH
api/users/UserId

Communication between the front-end and the back-end is done via controllers in front-end bloke which send the requests via Angular resource plugin

Bet Invest Tracking System

What is it for?

Technology used

Benefits

Easy tracking of customers

Easy management of staff work reports

Easy management of account managers

Managing existing and perspective clients of the company

Consolidating staff Reports

Managing users and account managers

Database

MongoDB with Mongoose abstraction layer

REST API

Models

Users

Reports

Customers

Comments

api/customers

api/customers/:CustomerId/comments

GET/POST/PUT/PATCH requests examples

Example of REST API for Users Model

Users making comments

Comments by users

Front - end (Single Page)

Bootstrap

jQuery

Angular.js

Back - end

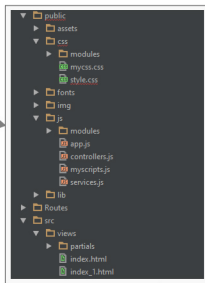
Node.js

Express.js

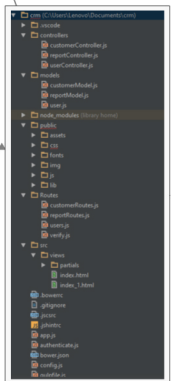
Body-parser

Jsonwebtoken

Passport/Passport-facebook/passport-local



Front End



Application structure