**Database SQL file**

Database SQL file added in “Database” folder. This is sql file import into database to run the application. I have used database name as “quiktrak”.

**Database configuration in Codeigniter**

In “application/config/databse.php” file change database connection details.

$db['default'] = array(

'dsn' => '',

'hostname' => 'localhost',

'username' => 'root',

'password' => '',

'database' => 'quiktrak',

'dbdriver' => 'mysqli',

'dbprefix' => '',

'pconnect' => FALSE,

'db\_debug' => (ENVIRONMENT !== 'production'),

'cache\_on' => FALSE,

'cachedir' => '',

'char\_set' => 'utf8',

'dbcollat' => 'utf8\_general\_ci',

'swap\_pre' => '',

'encrypt' => FALSE,

'compress' => FALSE,

'stricton' => FALSE,

'failover' => array(),

'save\_queries' => TRUE

);

**Base URL configuration in Codeigniter**

In “application/config/config.php” file change $config['base\_url'] as per your local url for this application.

$config['base\_url'] = 'http://localhost/quiktrak/';

**Swagger configuration**

We have swagger to run this application. To access the swagger use application base URL/swagger. In my local swagger URL is <http://localhost/quiktrak/swagger>

To access the swagger have to do below changes.

1. In “swagger/index.html” file change “url”

window.onload = function() {

// Begin Swagger UI call region

const ui = SwaggerUIBundle({

url: "http://localhost/quiktrak/swagger/swagger.json",

dom\_id: '#swagger-ui',

deepLinking: true,

presets: [

SwaggerUIBundle.presets.apis,

SwaggerUIStandalonePreset

],

plugins: [

SwaggerUIBundle.plugins.DownloadUrl

],

layout: "StandaloneLayout"

});

// End Swagger UI call region

window.ui = ui;

};

1. In “swagger/swagger.json” file change “host” and “basePath”

swagger: "2.0"

info:

description: ""

version: "1.0.0"

title: "quiktrak"

host: "localhost"

basePath: "/quiktrak"

tags:

- name: "User Management"

description: ""

schemes:

- "http"

paths:

**Note: To access any service we need to provide “token” here token is “123” this token added for first user in database. This can be dynamic as per logged user.**

**To send emails we need to integrate SMTP or third-party libraries.**

**User Management**

1. Here we can access list of users, add user, edit user and disable/enable user.

**Time zone Management**

1. Here we can access list of time zones. For time being I have not provided “**add, update and disable/enable”** services. This can be provided same like user management.

**Jobs Management**

1. Here we can access “Jobs list, create job, update job, disable/enable job, Fine job by id, Get job time zone to your time zone, assign job, Submit inspection”

**DB Structure**

Below are the lists of tables with structure. In swagger use comments column numbers for the values. Example use: type:1 (Means Collateral)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **template** | | | | |
| Field | Type | Comments | Default | Extra |
| templateId | int |  |  | Auto increment with primary |
| type \* | int | 1-Collateral, 2-Equipment,3-Property |  |  |
| templateTitle \* | text |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **templategroup** | | | | |
| Field | Type | Comments | Default | Extra |
| temGroupId | int |  |  | Auto increment with primary |
| templateId \* | int | template table templateId |  |  |
| groupName \* | text |  |  |  |
| displayOrder \* | int |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **templategroupquestions** | | | | |
| Field | Type | Comments | Default | Extra |
| temGroupQueId | int |  |  | Auto increment with primary |
| question \* | text |  |  |  |
| templateGroupId \* | int | templategroup table temGroupId |  |  |
| displayOrder \* | int |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **templategroupquestionoptions** | | | | |
| Field | Type | Comments | Default | Extra |
| temGroupQueOptionId | int |  |  | Auto increment with primary |
| temGroupQueId \* | text | templategroupquestions table temGroupQueId |  |  |
| optionValue \* | text |  |  |  |
| displayOrder \* | int |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **users** | | | | |
| Field | Type | Comments | Default | Extra |
| userId | int |  |  | Auto increment with primary |
| name \* | text |  |  |  |
| email \* | text |  |  |  |
| password | text |  |  |  |
| token | text |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **jobs** | | | | |
| Field | Type | Comments | Default | Extra |
| jobId | int |  |  | Auto increment with primary |
| title \* | text |  |  |  |
| type \* | int | 1-Collateral, 2-Equipment,3-Property |  |  |
| address\* | text |  |  |  |
| scheduledDateTime | datetime |  |  |  |
| timezoneId \* | int | timezones table timezoneId |  |  |
| assignedTo \* | int |  |  |  |
| workStatus | int | 1-Not Started, 2-Inprogess,3-Completed | 1 |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **timeZones** | | | | |
| Field | Type | Comments | Default | Extra |
| timeZoneId | int |  |  | Auto increment with primary |
| timeZoneName \* | text |  |  |  |
| timeZone \* | text |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **jobinspectionanswers** | | | | |
| Field | Type | Comments | Default | Extra |
| jobInspectionAnswersId | int |  |  | Auto increment with primary |
| jobId \* | int | jobs table jobId |  |  |
| temGroupQueId \* | int | templategroupquestions table temGroupQueId |  |  |
| temGroupQueOptionId \* | int | templategroupquestionoptions table temGroupQueOptionId |  |  |
| commentsIfAny\* | text |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **jobInspectionothersdetails** | | | | |
| Field | Type | Comments | Default | Extra |
| jobInspOthDetailsId | int |  |  | Auto increment with primary |
| jobId \* | text | jobs table jobId |  |  |
| description \* | text |  |  |  |
| status \* | int | 1-Enable,0-Disable | 1 |  |
| createdDate | datetime |  |  |  |
| createdBy | int |  |  |  |
| lastModifiedDate | datetime |  |  |  |
| lastModifiedBy | int |  |  |  |