# Online School System

Presentation
By Miroslav Mirchev
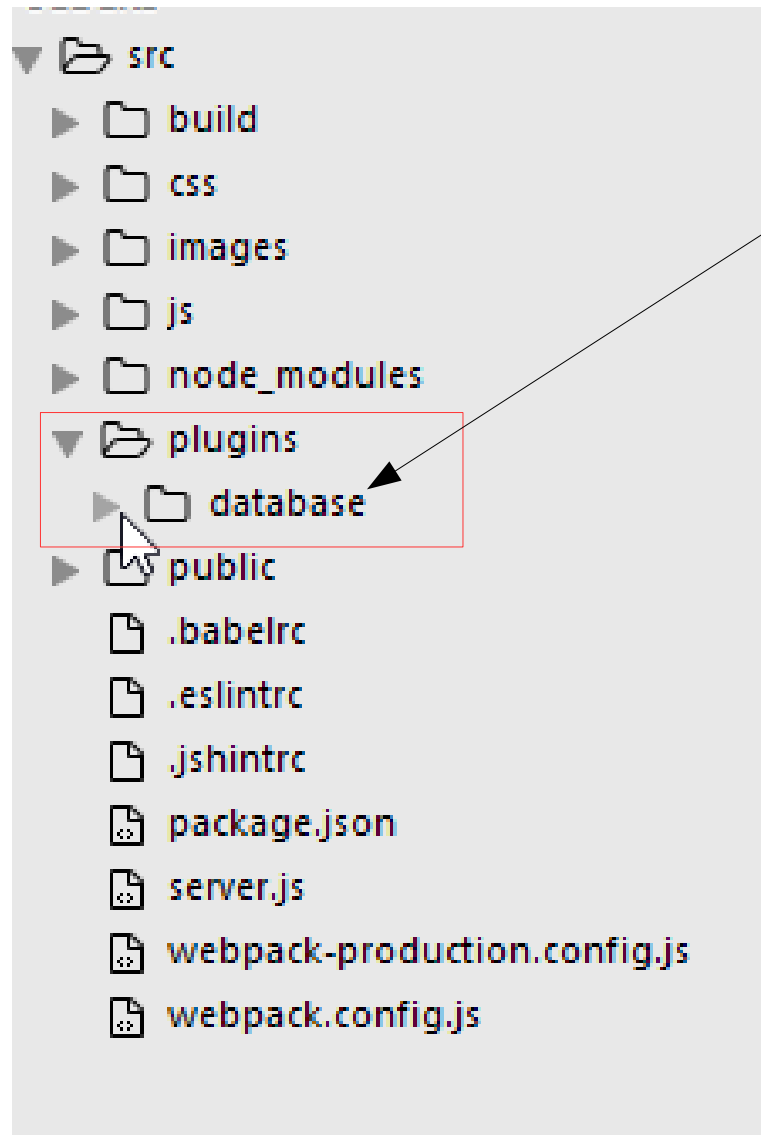
# General Description

▼ 📂 src
  ▶ 📁 build
  ▶ 📁 css
  ▶ 📁 images
  ▶ 📁 js
  ▶ 📁 node_modules
  ▶ 📁 plugins
  ▶ 📁 public
  📄 .babelrc
  📄 .eslintrc
  📄 .jshintrc
  📄 package.json
  📄 server.js
  📄 webpack-production.config.js
  📄 webpack.config.js

This is the root folder of the project.

```
▼ 🗁 src
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   ▶ 🗀 node_modules
   ▼ 🗁 plugins
      ▶ 🗀 database
   ▶ 🗁 public
      🗋 .babelrc
      🗋 .eslintrc
      🗋 .jshintrc
      🗋 package.json
      🗋 server.js
      🗋 webpack-production.config.js
      🗋 webpack.config.js
```

The backend is separated in a plugin.

FOLDERS

▼ 📂 src
　▶ 📁 build ← The production build
　▶ 📁 css
　▶ 📁 images
　▼ 📂 js
　　▶ 📁 components
　　▶ 📁 layout ← The react view files
　　▶ 📁 pages
　　　📄 home_page.jsx
　▶ 📁 node_modules
　▶ 📁 plugins
　▼ 📂 public
　　📄 index.html ← The root of the system is the "public" folder.
　📄 .babelrc
　📄 .eslintrc
　📄 .jshintrc
　📄 package.json
　📄 server.js
　📄 webpack-production.config.js
　📄 webpack.config.js

# Back End

- ▼ 📂 src
  - ▶ 📁 build
  - ▶ 📁 css
  - ▶ 📁 images
  - ▶ 📁 js
  - ▶ 📁 node_modules
  - ▼ 📂 plugins
    - ▼ 📂 database
      - ▶ 📁 handlers
      - ▶ 📁 lib
      - ▶ 📁 node_modules
      - ▶ 📁 routes
      - ▶ 📁 serverMethods
      - 📄 index.js
      - 📄 oss.sqlite
      - 📄 oss2.sqlite
      - 📄 package.json
      - 📄 README.md
  - ▶ 📁 public
  - 📄 .babelrc
  - 📄 .eslintrc
  - 📄 .jshintrc
  - 📄 package.json
  - 📄 server.js
  - 📄 webpack-production.config.js
  - 📄 webpack.config.js
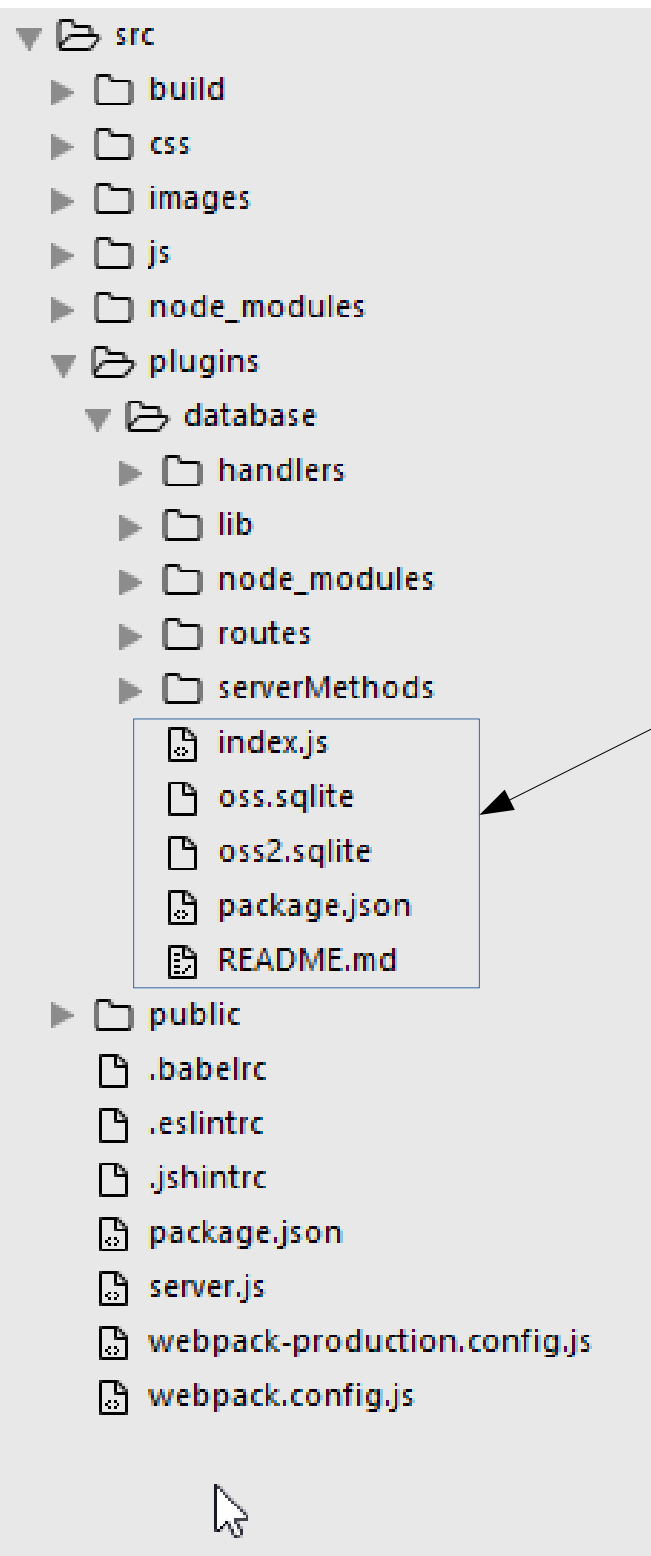
In the backend we have the index file,
Sqlite db and package.json

```
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    ▼ 📂 database
      ▶ 📁 handlers
      ▶ 📁 lib
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      ▶ 📁 routes
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    📄 .jshintrc
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    📄 webpack-production.config.js
    📄 webpack.config.js
```
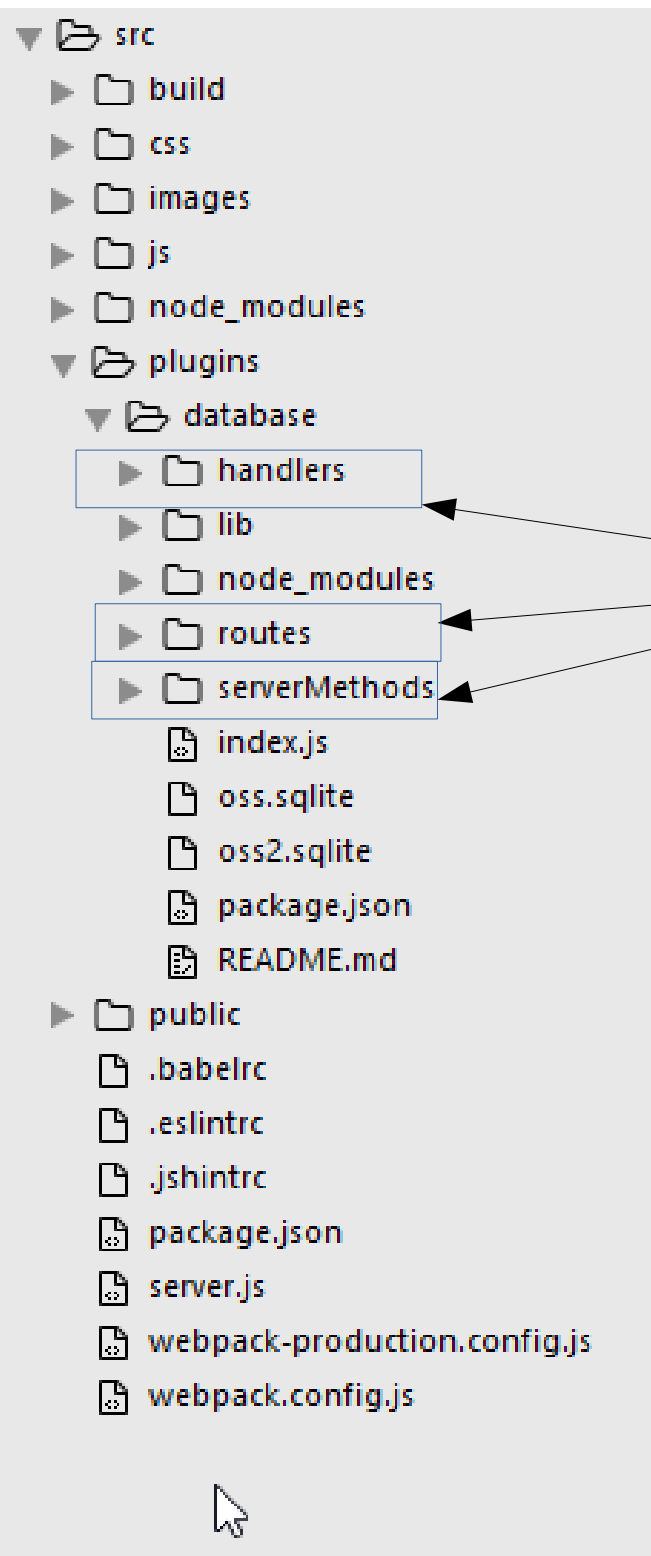
Then we have the folders for
The project routes, handlers and server methods

FOLDERS

▼ 📂 src
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  ▼ 📂 plugins
    ▼ 📂 database
      ▶ 📁 handlers
      ▶ 📁 lib
      ▶ 📁 node_modules
      ▼ 📂 routes
          📄 course-details.js
          📄 course-materials.js
          📄 courses.js
          📄 routes.js
          📄 topics.js
          📄 users.js
      ▶ 📁 serverMethods
        📄 index.js
        📄 oss.sqlite
        📄 oss2.sqlite
        📄 package.json
        📄 README.md
  ▶ 📁 public
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    📄 .eslintrc
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We've got the following routes

FOLDERS

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  ▼ 📂 plugins
    ▼ 📂 database
      ▼ 📂 handlers
          📄 course-details.js
          📄 course-materials.js
          📄 courses.js
          📄 topics.js
          📄 users.js
      ▶ 📁 lib
      ▶ 📁 node_modules
      ▶ 📁 routes
      ▶ 📁 serverMethods
        📄 index.js
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And handlers

FOLDERS

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  ▶ 📁 js
  ▶ 📁 node_modules
  ▼ 📂 plugins
    ▼ 📂 database
      ▶ 📁 handlers
      ▶ 📁 lib
      ▶ 📁 node_modules
      ▶ 📁 routes
      ▼ 📂 serverMethods
        📄 course-materials.js
        📄 courses.js
        📄 users.js
      📄 index.js
      📄 oss.sqlite
      📄 oss2.sqlite
      📄 package.json
      📄 README.md
  ▶ 📁 public
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  📄 .eslintrc
  📄 .jshintrc
  📄 package.json
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And server methods

FOLDERS

- ▼ 📂 src
  - ▶ 📁 build
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  - ▶ 📁 images
  - ▶ 📁 js
  - ▶ 📁 node_modules
  - ▼ 📂 plugins
    - ▼ 📂 database
      - ▶ 📁 handlers
      - ▼ 📂 lib
        - ▼ 📂 validation
          - 📄 course-details.js
          - 📄 course-materials.js
          - 📄 courses.js
          - 📄 topics.js
          - 📄 users.js
        - 📄 auth.js
      - ▶ 📁 node_modules
      - ▶ 📁 routes
      - ▶ 📁 serverMethods
      - 📄 index.js
      - 📄 oss.sqlite
      - 📄 oss2.sqlite
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We've got also libraries for
Validation and authentication.

# Front End

FOLDERS

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  ▶ 📁 css
  ▶ 📁 images
  ▼ 📂 js
    ▶ 📁 components
    ▶ 📁 layout
    ▶ 📁 pages
      📄 home_page.jsx
  ▶ 📁 node_modules
  ▶ 📁 plugins
  ▼ 📂 public
      📄 index.html
  📄 .babelrc
  📄 .eslintrc
  📄 .jshintrc
  📄 package.json
  📄 server.js
  📄 webpack-production.config.js
  📄 webpack.config.js

Our project consists of only one html page,
Located at the public folder of the project.

OPEN FILES
× index.html

FOLDERS
▼ 📂 src
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  ▶ 📁 css
  ▶ 📁 images
  ▼ 📂 js
    ▶ 📁 components
    ▶ 📁 layout
    ▶ 📁 pages
    📄 home_page.jsx
  ▶ 📁 node_modules
  ▶ 📁 plugins
  ▼ 📂 public
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  📄 .babelrc
  📄 .eslintrc
  📄 .jshintrc
  📄 package.json
  📄 server.js
  📄 webpack-production.config.js
  📄 webpack.config.js

index.html                    ×

```html
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title id="headTitle"></title>
5   </head>
6   <body>
7   <div id="container"></div>
8   <script type="text/javascript" src='public/assets/js/shared.js'></script>
9   <script type="text/javascript" src='public/assets/js/home.js'></script>
10  </body>
11  </html>
```

The index folder has only one container div, where is filled the content of the react views.

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    - ▶ 📁 layout
    - ▶ 📁 pages
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In the js folder are located all React view pages

**FOLDERS**

▼ 🗁 src
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  ▶ 🗀 css
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  ▼ 🗁 js
    ▶ 🗀 components
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    ▶ 🗀 pages
    📄 home_page.jsx
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  ▶ 🗀 plugins
  ▶ 🗀 public
  📄 .babelrc
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They are separated into components,
Layout and pages.

The home_page.jsx is the page
Where we define the front-end
Routes of the project and include all
React component pages.

FOLDERS

▼ 📂 src
  ▶ 📁 build
  ▶ 📁 css
  ▶ 📁 images
  ▼ 📂 js
    ▼ 📂 components
      ▶ 📁 buttons
      ▶ 📁 entities
      ▶ 📁 fields
      ▶ 📁 forms
      ▶ 📁 pages
    ▶ 📁 layout
    ▶ 📁 pages
      📄 home_page.jsx
  ▶ 📁 node_modules
  ▶ 📁 plugins
  ▶ 📁 public
  📄 .babelrc
  📄 .eslintrc
  📄 .jshintrc
  📄 package.json
  📄 server.js
  📄 webpack-production.config.js
  📄 webpack.config.js

This is the content of the Components folder

FOLDERS

▼ 📂 src
  ▶ 📁 build
  ▶ 📁 css
  ▶ 📁 images
  ▼ 📂 js
    ▶ 📁 components
    ▼ 📂 layout
        📄 layout.jsx
    ▼ 📂 pages
        📄 courses.jsx
        📄 home.jsx
        📄 login.jsx
        📄 register.jsx
        📄 users.jsx
      📄 home_page.jsx
  ▶ 📁 node_modules
  ▶ 📁 plugins
  ▶ 📁 public
    📄 .babelrc
    📄 .eslintrc
    📄 .jshintrc
    📄 package.json
    📄 server.js
    📄 webpack-production.config.js
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This is the content of the
layouta nd pages folders