Objects

* User
* Restaurant
* Review

Database

# User

* Id : identity (11) - PK
* firstName: varchar (30)
* lastName: varchar (45)
* email: varchar (75) - Unique
* password: varchar (128)
* token: varchar(32)

# Restaurant

* id: identity (11) - PK
* logo: varchar (75)
* name: varchar (40)
* address: varchar (120)
* phone: varchar (15)
* email: varchar (75)
* web: varchar (75)

# Review

* id: identity (11) - PK
* createdAt: Timestamp
* userId: int (11) - FK
* restaurantId: int (11) - FK
* content: varchar (1000)
* rate: smallint (1)

Backend objects

# User

## Properties

* + Id : int(11)
  + firstName: string (30)
  + surName: String (45)
  + email: String (75)
  + password: String (>6)
  + reviewsList: List <Review>

## Methods

* create
* delete
* edit
* getUserReviews

# Restaurant

## Properties

* + id: int (11)
  + logo: string (75)
  + name: string (40)
  + address: string (120)
  + phone: string (15)
  + email: string (75)
  + web: string (75)
  + reviewsList: List <Reviews>

## Methods

* findAllRestaurants
* getAllReviews

# Review

## Properties

* + id: int (11)
  + createdAt: Date
  + User: <User>
  + Restaurant: <Restaurant>
  + content: string (1000)
  + rate: int (1)

## Methods

* create

# Security

## Properties

* password
* email

## Methods

* login
* changePassword

API

currentUser: {

firstName:

lastName:

id:

email:

searchWord:

reviews: [{

id:

content:

rate:

restaurant: {

id:

…

}

}…

]

}

Restaurant: [{

id:

name:

logo:

email:

phone:

web:

address:

reviews: [{

id:

content:

rate:

user: {

id:

….

}

}…

]

FrontEnd

Folder structure

**src/components**:

src/components/reviewItem: index.js

src/components/footer: index.js

**src/containers:**

src/containers/home: index.js

src/containers/login: index.js

src/containers/signUp: index.js

src/containers/editUser: index.js

src/containers/restaurant: index.js

src/containers/addReview: index.js

src/containers/Header: index.js

**src/store:**

actions.js

index.js

**src/store/reducers:**

currentUser.js

restaurants.js

index.js (combinedReducers)

src/containers