WEB322 FINAL PROJECT

Dmytro Andriushchenko 131641185 dandriushchenko@myseneca.ca

A table of contents

Homepage shows basic navigation menu, search form, some information about webapp and hot deals.

Not logged in user can search, view rooms but can't do anything more. If he hits sign Up button form will ask him to ender his credentials for submission. If data is not entered or invalid or this account already exists than user will be informed. After successful sign up user will be redirected to login page where he'll have to ender his data (email and password). If data is valid he will be redirected to his profile page, where he can edit his profile. Also Signed in user can book any available room. After successful booking this room will not be able for booking for other users.

Admin user has more rights then regular user. He can add/edit/delete rooms from and to DB.

Search form will filter all rooms and will show just those that user was looking for. If user selected "Anywhere" in search form, than webapp will show all rooms available for booking.

https://github.com/Charon89/FantazyStays   GitHub repository

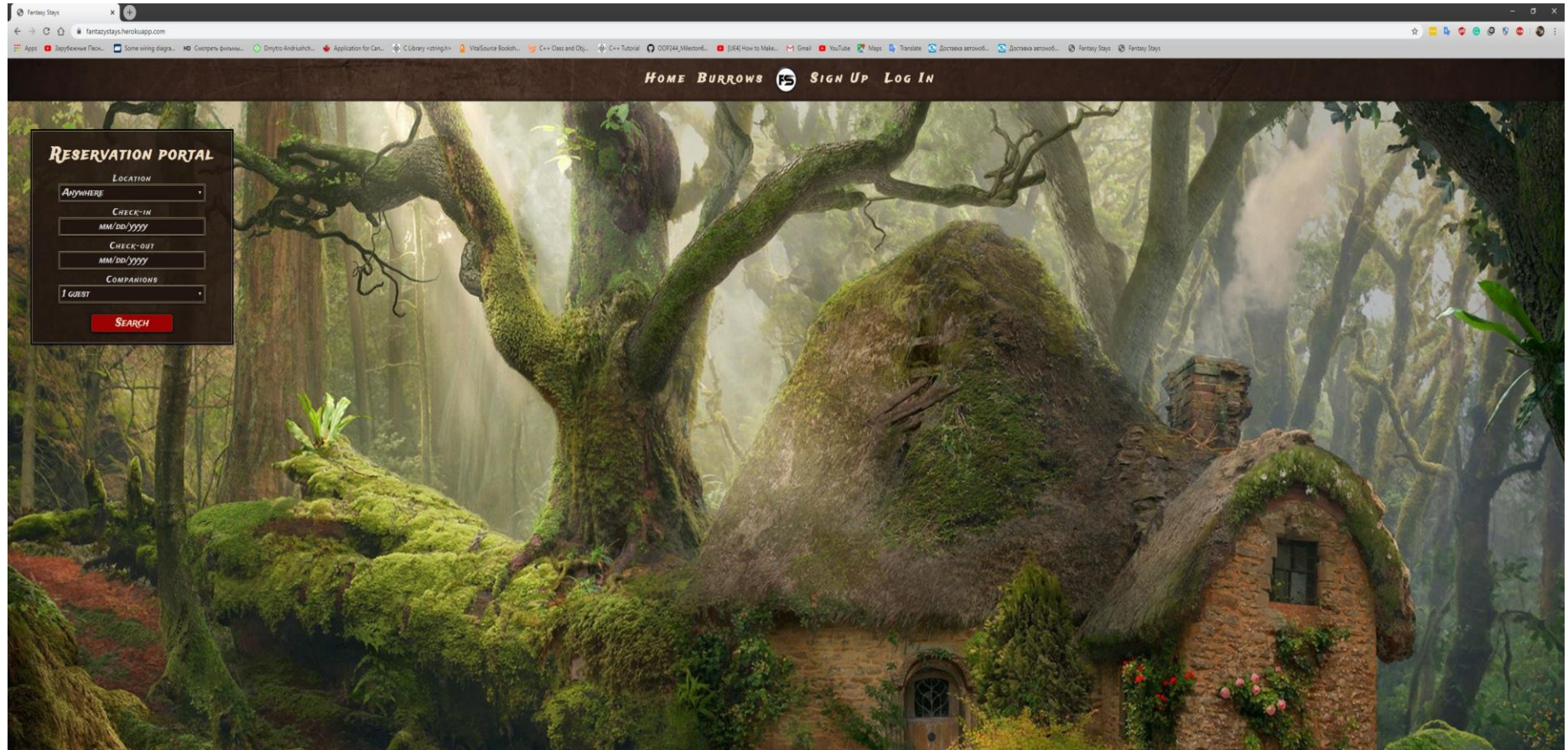https://fantazystays.herokuapp.com/   Deployed on Heroku

3rd party packages used in this project:

```
"@sendgrid/mail": "^6.4.0",
"bcryptjs": "^2.4.3",
"body-parser": "^1.19.0",
"dotenv": "^8.2.0",
"express": "^4.17.1",
"express-fileupload": "^1.1.6",
"express-handlebars": "^3.1.0",
"express-session": "^1.17.0",
"method-override": "^3.0.0",
"mongoose": "^5.7.12",
"mongoose-unique-validator": "^2.0.3"
```

Home page

Home page with search form and navigation

Bottom of the home page
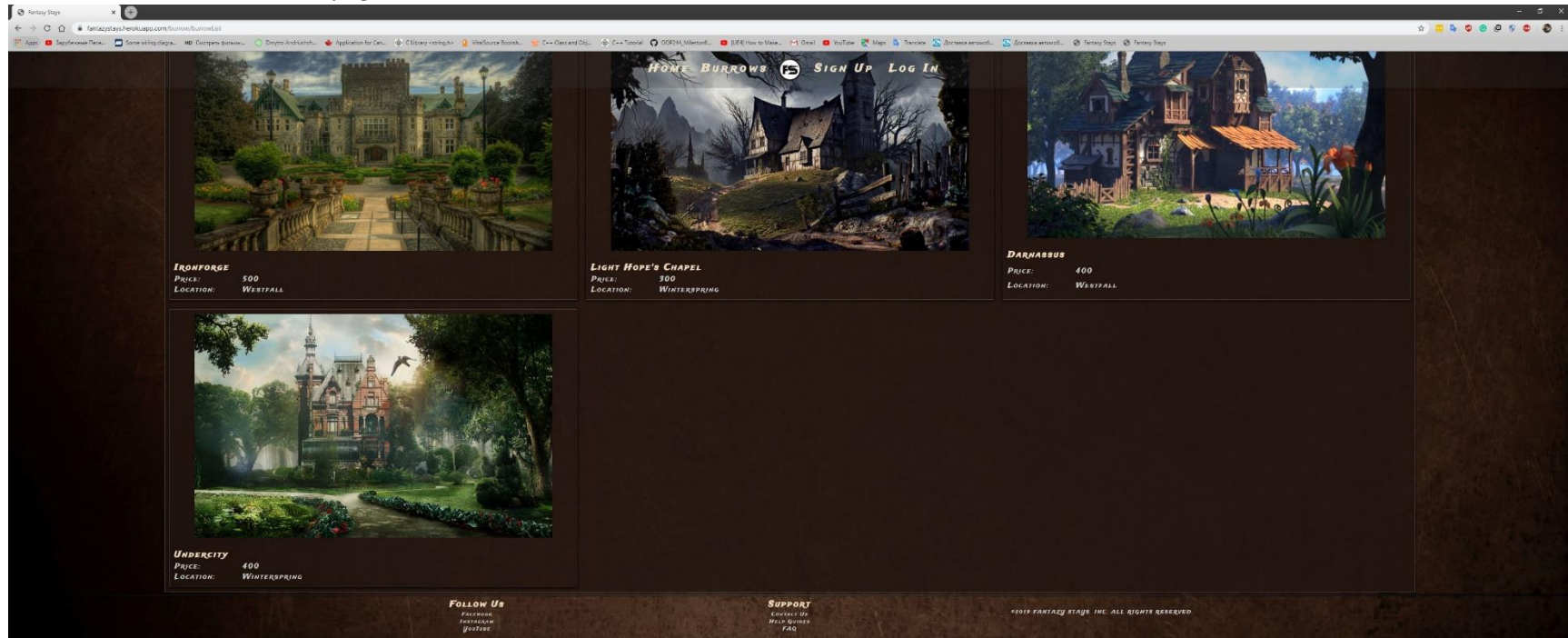
The bottom of the home page with "Hot deals" and a footer
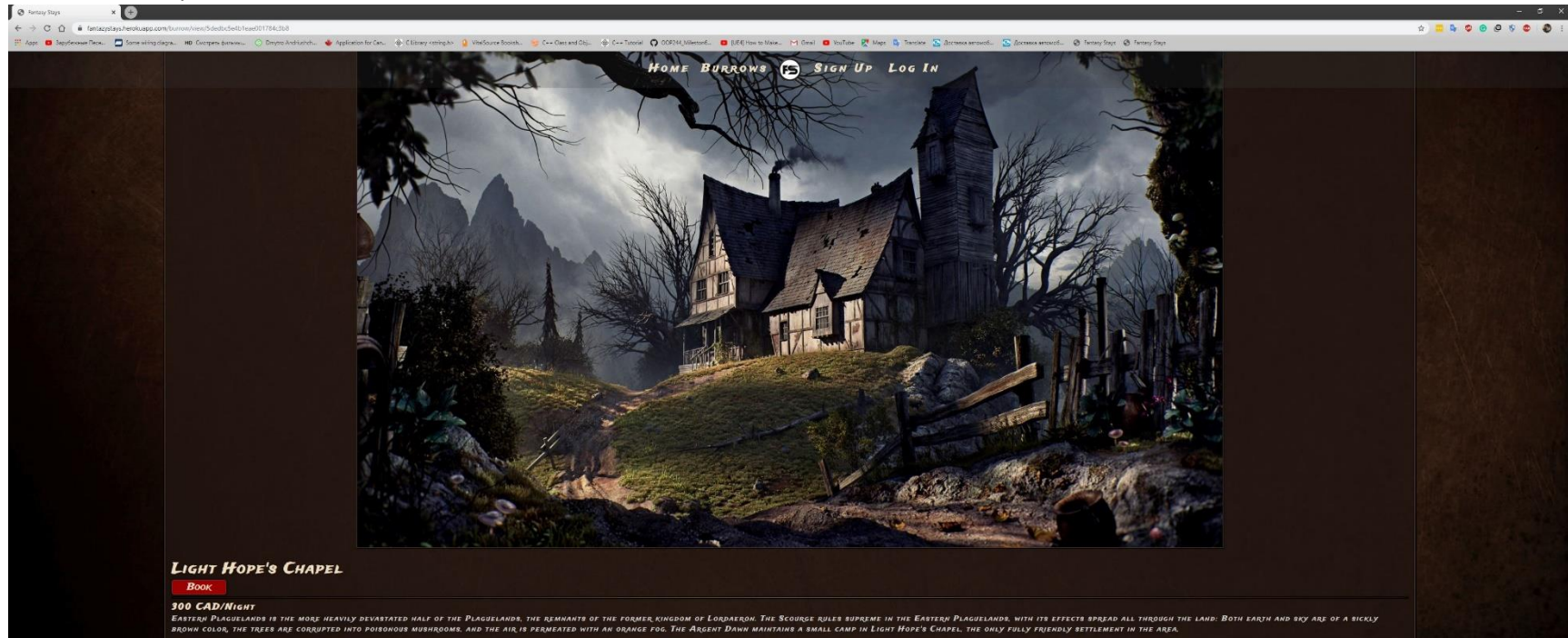
Burrows

List of all available rooms aka "Burrows"
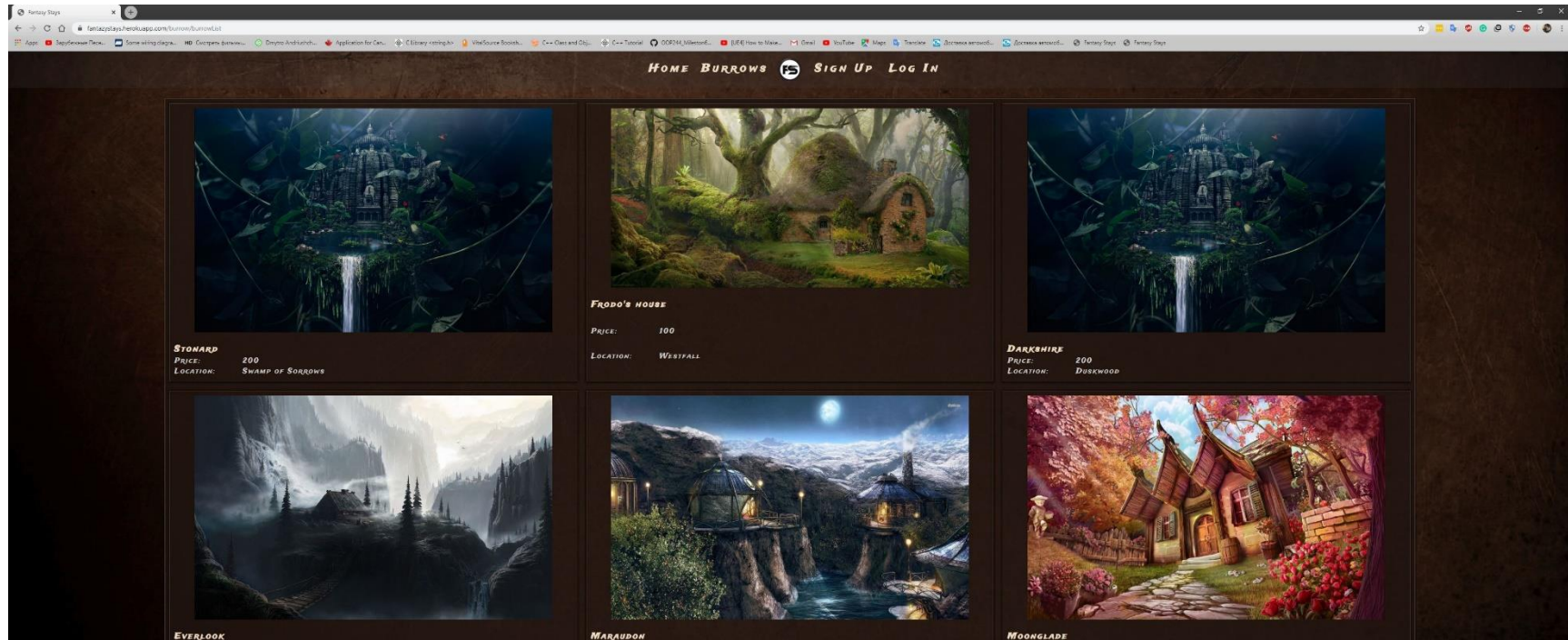
The bottom of the "Burrows" page

Detailed information

If user click on specific "Burrow" he will see it's detailed information and book button

Sign Up form

Sign Un form will ask user to enter his credentials

Sign Up form

If user left black fields, system will tell him which fields must be filled

Sign Up form

If such email already in the DB user will be informed

Log In

Login form asks to enter email and password
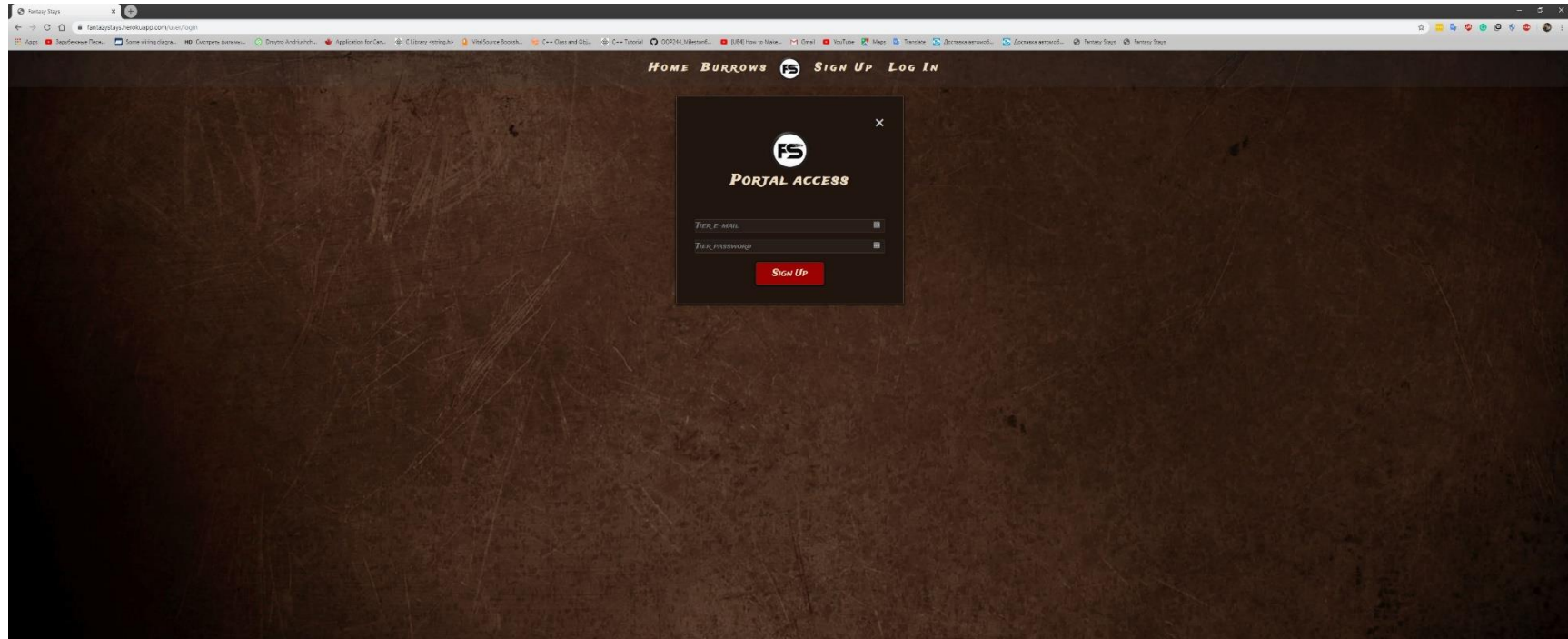
Log In

If fields are black system will show what must be filled
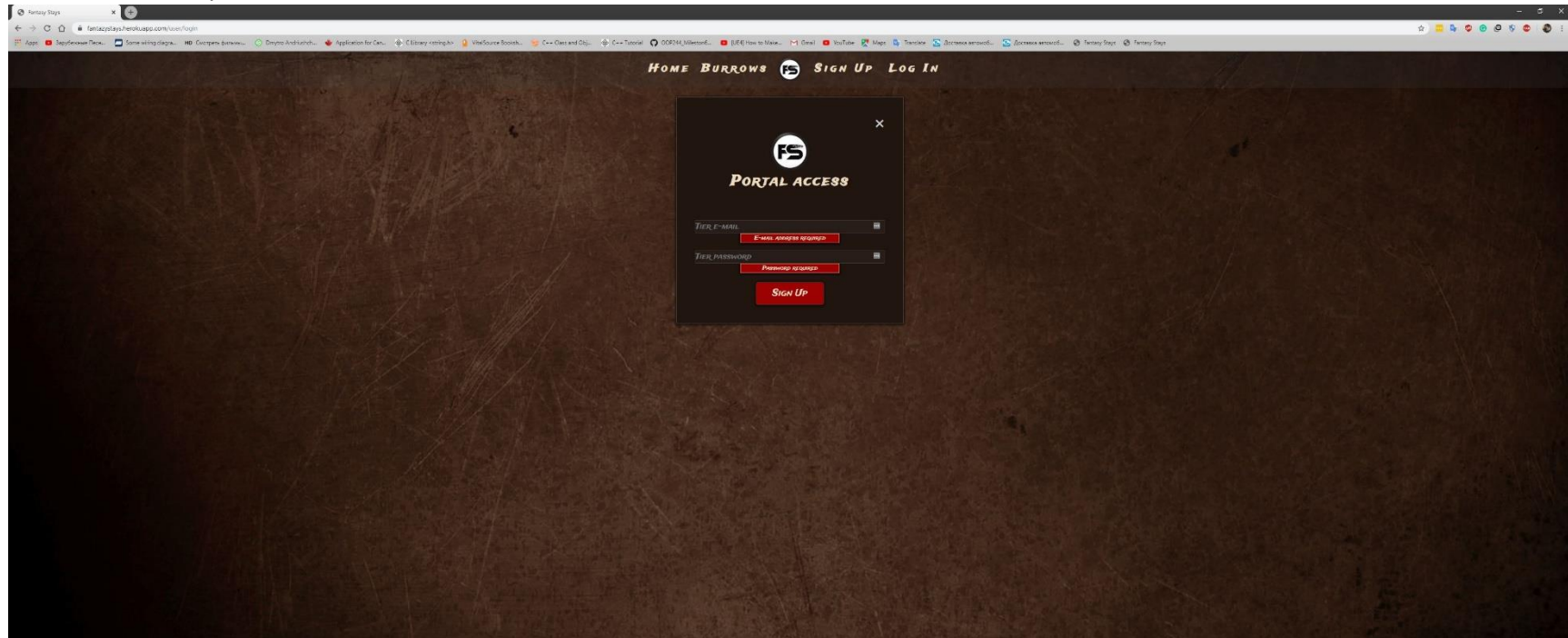
Log In

If user enered email that is not in DB system will tell that
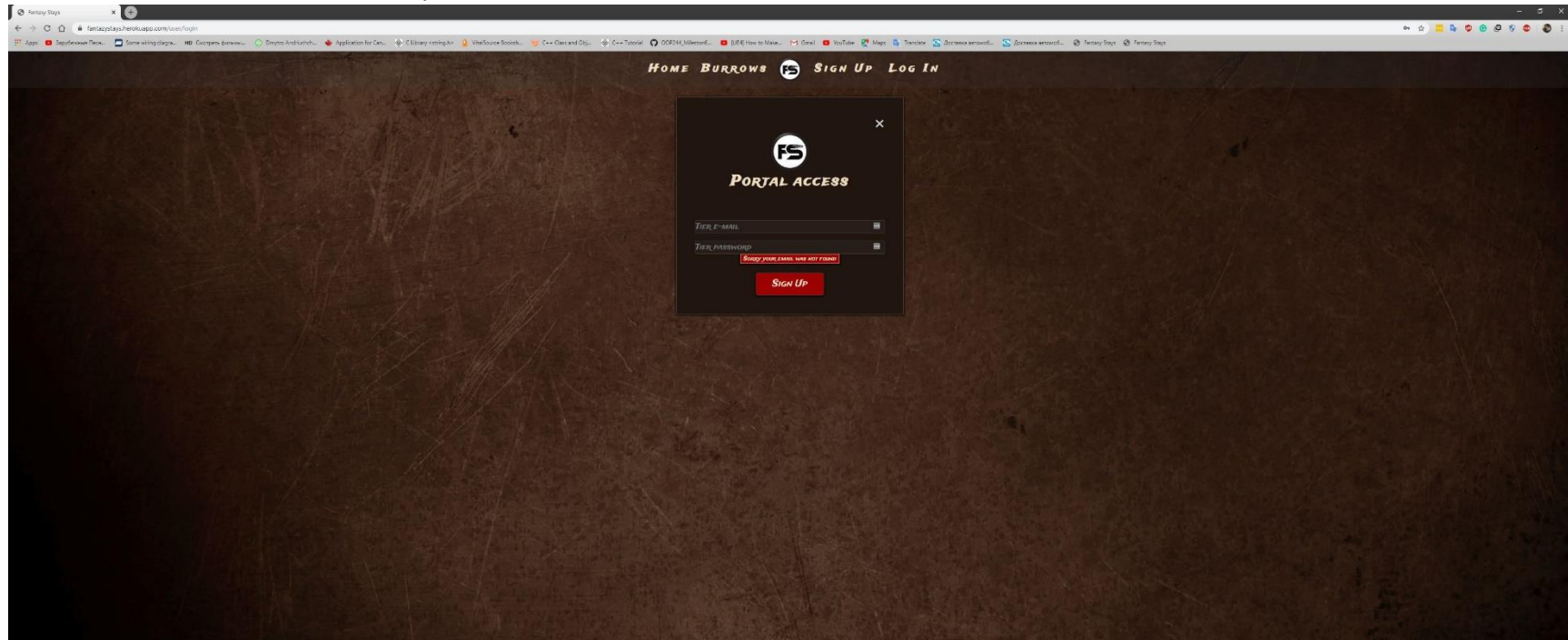
User profile

Regular user's profile page with basic information and button to edit information
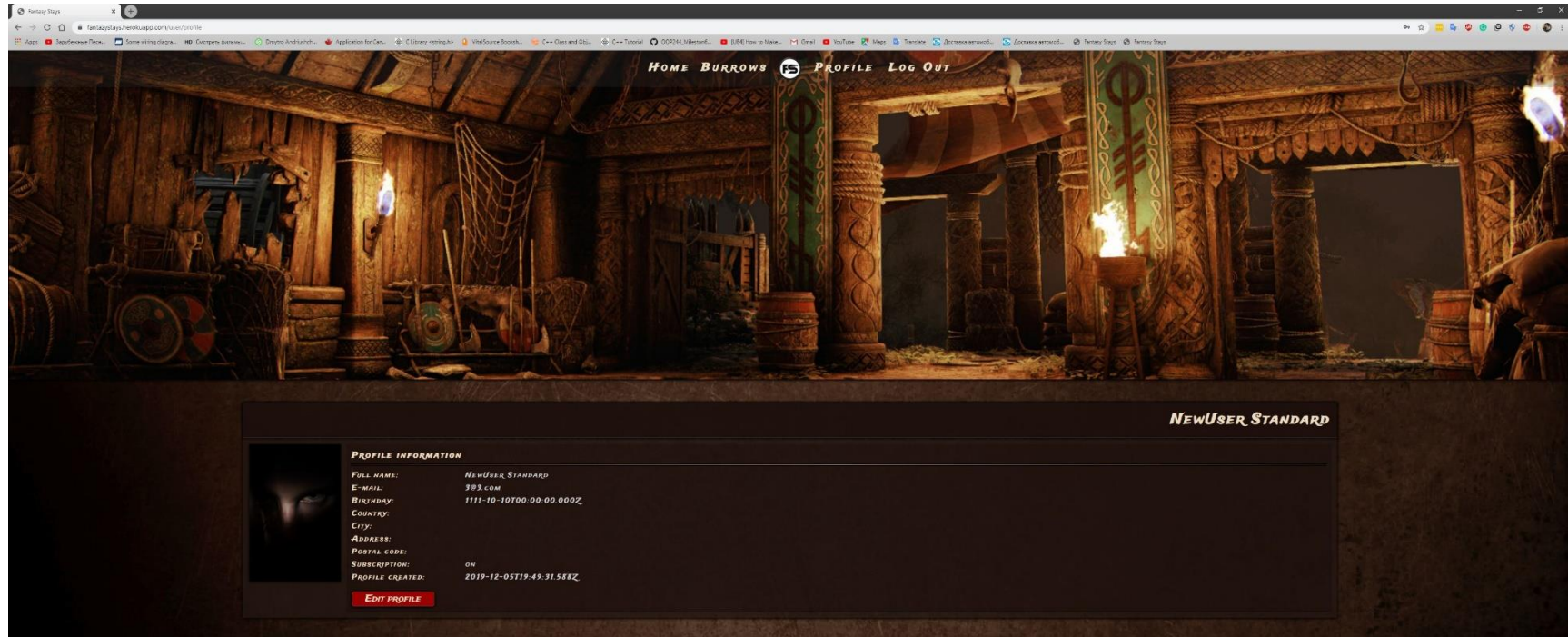
User profile edit

User edit form. User can change him profile picture, and information
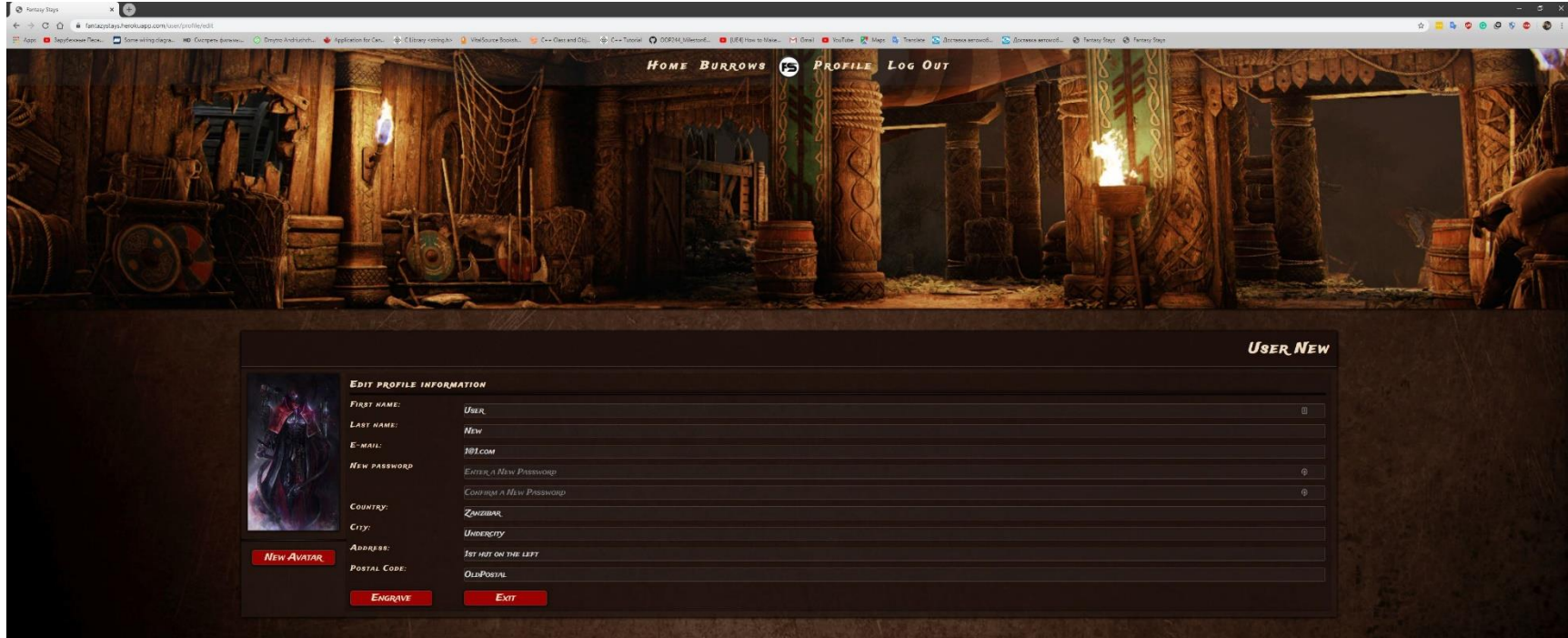
Modified user profile

Modified user's profile

Admin profile

Admin profile page. Where he can edit his information and add new "Burrow"
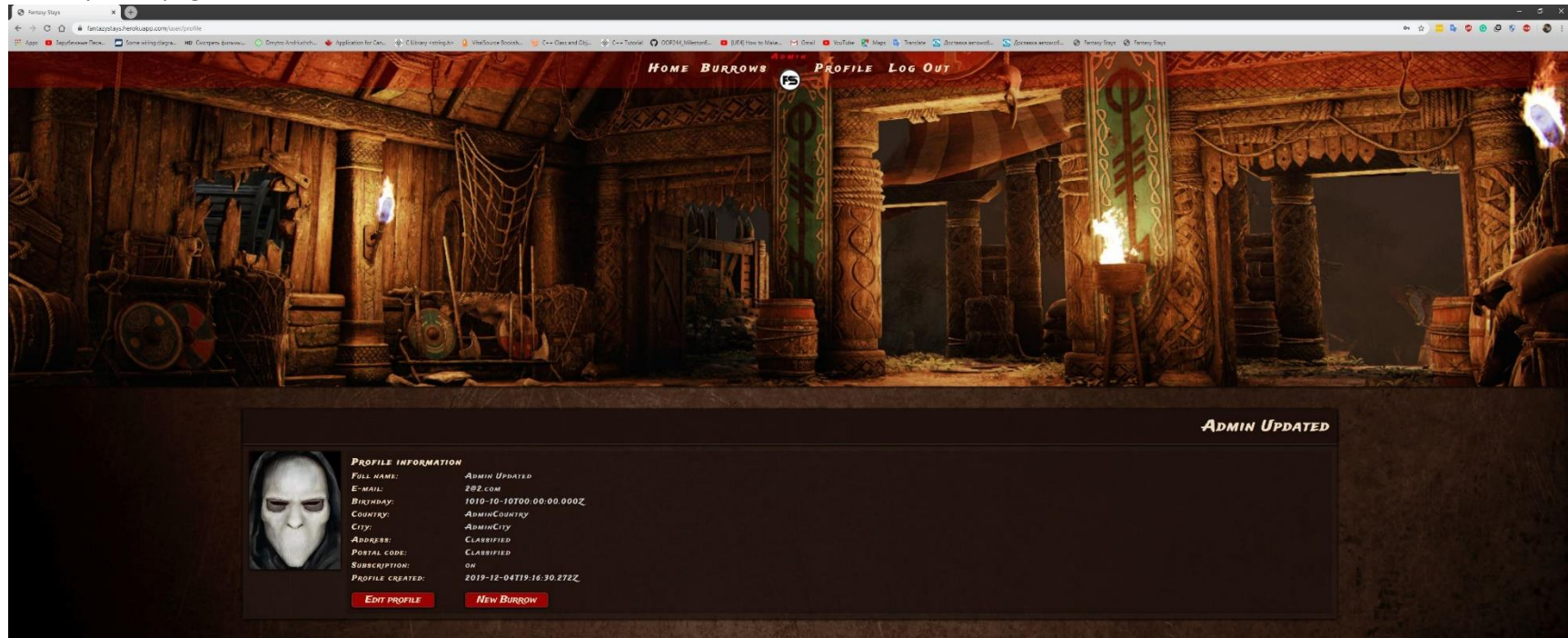
Room addition form

"Burrow" additiom page promts for information and picture

Admin view

List of rooms from admin account where he has 3 options
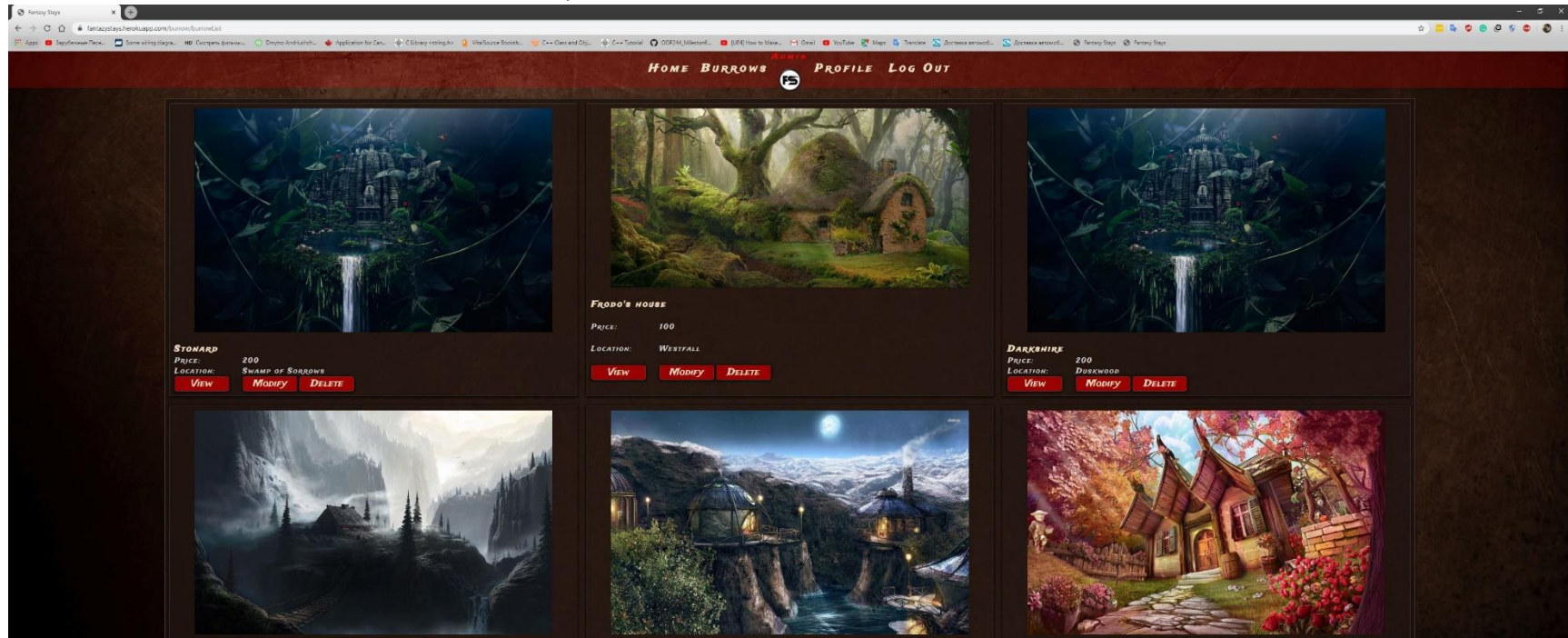
Admin room edit

Admin Edit Room

Web app structure

```
∨ 📁 middleware
    JS addBurrow.js
    JS admin_auth.js
    JS login_validation.js
    JS signup_validation.js
    JS user_auth.js
∨ 📁 models
    JS burrow_model.js
    JS user_model.js
> 📁 node_modules
∨ 📁 public
  ∨ 📁 css
      addBurrow.css
      burrowList.css
      burrowView.css
      home.css
      modifyBurrow.css
      navbar.css
      profile.css
      search.css
      signup.css
      style.css
  > 📁 img
  > 📁 js
> 📁 report
∨ 📁 routes
    JS burrow.js
    JS general.js
    JS user.js
∨ 📁 views
  ∨ 📁 burrow
      addBurrow.handlebars
      burrowList.handlebars
      burrowsFound.handlebars
      burrowView.handlebars
      modifyBurrow.handlebars
  > 📁 general
  > 📁 layouts
  ∨ 📁 users
      login.handlebars
      profile_edit.handlebars
      profile.handlebars
      signup.handlebars
   🔶 .gitignore
   JS app.js
```