



WEB322 FINAL PROJECT

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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 enter his credentials for submission. If data is not entered or invalid or this account already exists then user will be informed. After successful sign up user will be redirected to login page where he'll have to enter 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 than 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, then webapp will show all rooms available for booking.

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

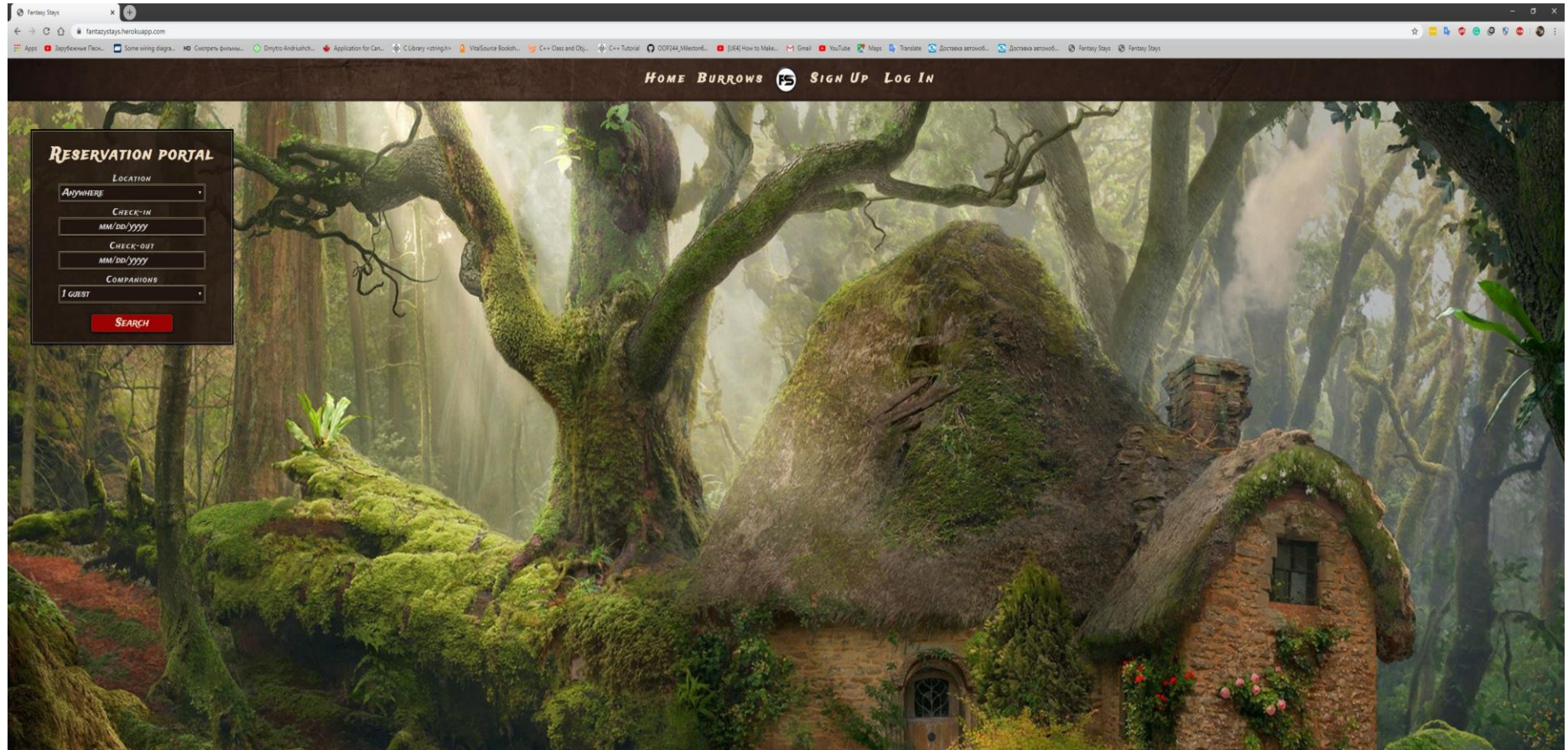
<https://fantazystays.herokuapp.com/> Deployed on Heroku

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

The screenshot shows the bottom section of the Fantasy Stays website. At the top, there's a navigation bar with 'HOME BURROWS', a logo, and 'SIGN UP' and 'LOG IN' links. Below this is a large banner image of a forest. The main content area is titled 'HOT DEALS' and features four property listings, each with a fantasy-themed image, location, and average price per night:

- Kitchener, Ontario**: \$50 CAD/night average
- Hamilton, Ontario**: \$60 CAD/night average
- London, Ontario**: \$70 CAD/night average
- Toronto, Ontario**: \$120 CAD/night average

Below the listings, there are three sections of text:

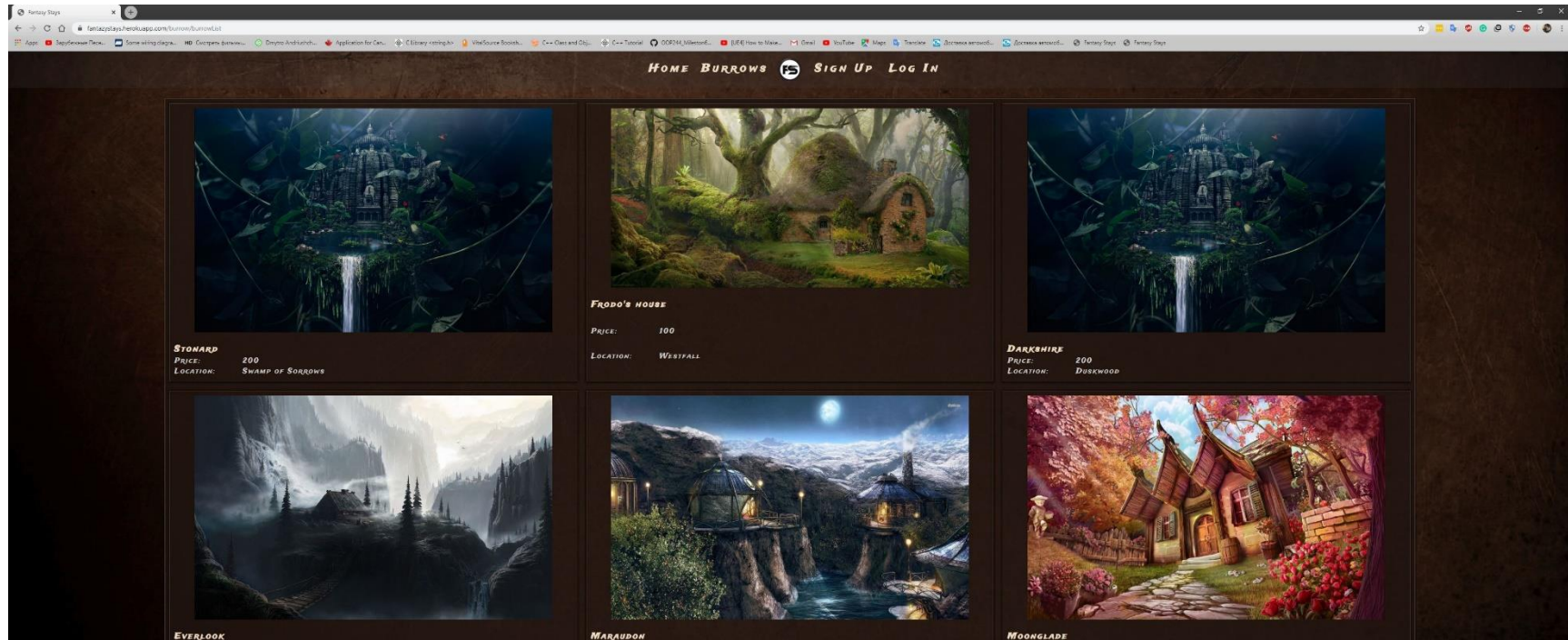
- 1. How does Fantasy Stays work?**
Fantasy Stays is an online marketplace which lets people rent out their properties or spare rooms to guests. Fantasy Stays takes \$5 commission of every booking from hosts, and between 6% and 12% from guests. There's plenty of criteria to list for/search a property: from a shared room to an entire house, to having a swimming pool to having a washing machine. There are photos of the property, and the hosts/guests, with full map listing.
- 2. Why do people like it?**
A combination of factors, but primarily financial ones. Guests get good value accommodation at a huge range of price points, from a few pounds a night to hundreds and often in prime locations where a normal hotel would cost infinitely more. Hosts can cash in on spare space, perhaps if children have flown the nest and there's a spare bedroom. In fact, according to economist Dr. Margaret Westlake, if an Fantasy Stays host lists their property for seven days a month on average they would earn £5,600 per year, a boost to household income equivalent to a 15% pay rise for an average full-time employee.
- 3. What are the other benefits?**
There is more than a financial impetus though: many guests like living like a local and getting restaurant recommendations from people really in-the-know, while many hosts just enjoy meeting new people and showing off their home. 4. It is easy to book? Yes, very. Once you've created a verified profile (which can be linked to social media), you can send a message to the host and either book instantly, or submit a request for later booking. Hosts must show calendars of availability - most are kept well up-to-date - and they will inform you of what they will provide like towels or hairdryers. It's not advised if you're travelling through though - many people don't take bookings for just one night.

The footer contains three columns of information:

- FOLLOW US**: Facebook, Instagram, Youtube
- SUPPORT**: Contact Us, How Stays, FAQ
- ©2019 FANTASY STAYS INC. ALL RIGHTS RESERVED.**

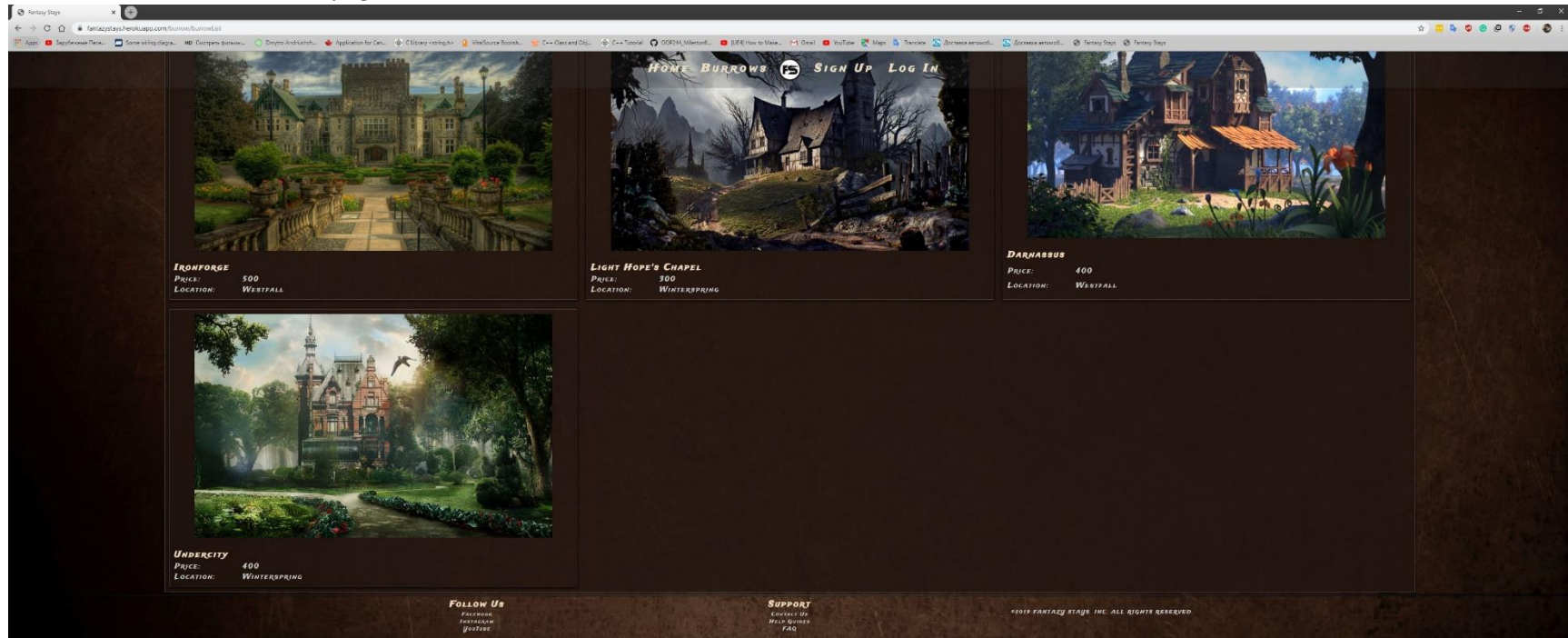
Burrows

List of all available rooms aka “Burrows”



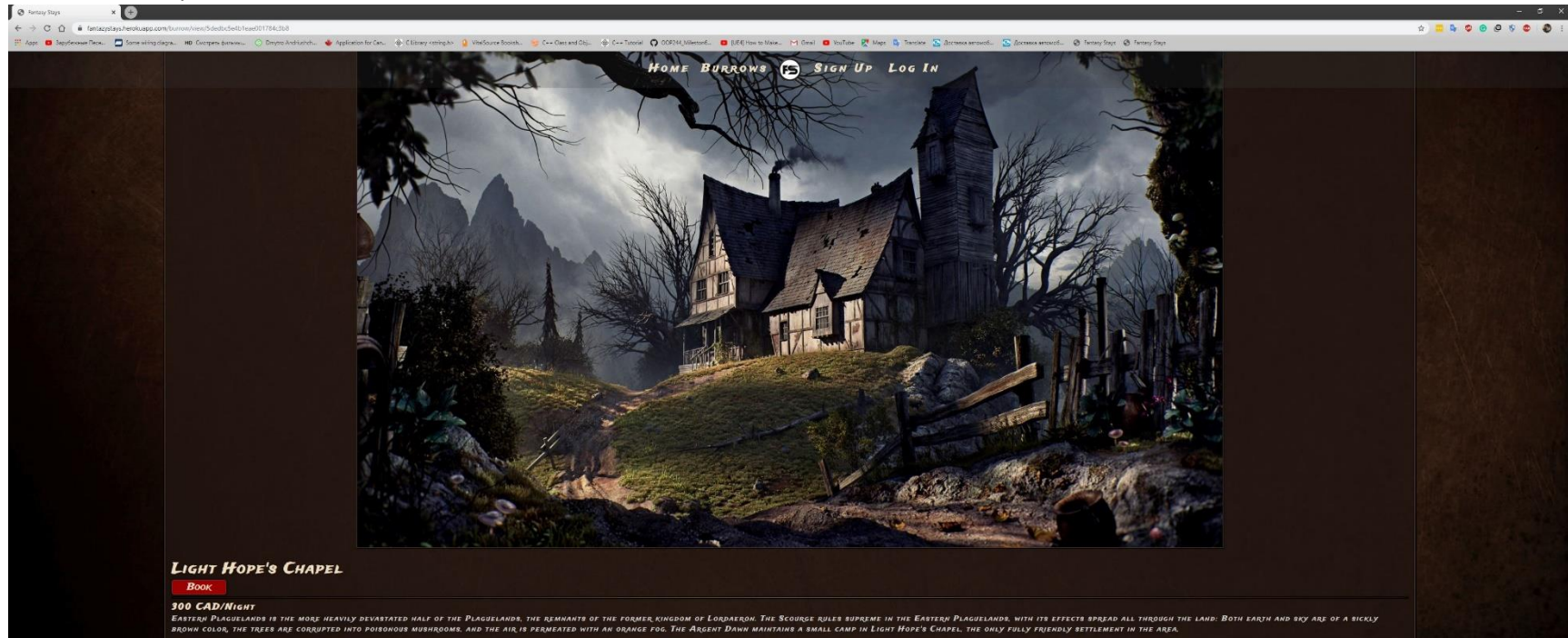
Burrows

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

The screenshot shows a web browser window with the URL santagaysschoolapp.com/home/signup. The page has a dark, textured background. At the top, there is a navigation bar with links: [HOME](#), [BURROWS](#), [SIGN UP](#), and [LOG IN](#). The 'SIGN UP' link is highlighted. In the center, there is a dark modal box titled 'NEW USER REGISTRATION' with a close button (X) in the top right corner. The modal contains the following fields and text:

- EMAIL ADDRESS**: A text input field.
- FIRST NAME**: A text input field.
- LAST NAME**: A text input field.
- CREATE A PASSWORD**: A text input field.
- CONFIRM A PASSWORD**: A text input field.
- BIRTHDAY**: A section with the text "TO SIGN UP, YOU NEED TO BE AT LEAST 18 YEARS OLD. OTHER PEOPLE WHO USE WILLB&B WON'T SEE YOUR BIRTHDAY." and a date input field with the placeholder "MM/DD/YYYY".
- Marketing Opt-in**: A checkbox with the text "If checked, we'll send you marketing promotions, special offers, inspiration, and policy updates via email."
- Sign Up**: A red button at the bottom.

Sign Up form

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

HOME BURROWS SIGN UP LOG IN

NEW USER REGISTRATION

EMAIL ADDRESS **Email address required**

FIRST NAME **First name required**

LAST NAME **Last name required**

CREATE A PASSWORD **Password required**

CONFIRM A PASSWORD **Password required**

BIRTHDAY

TO SIGN UP, YOU NEED TO BE AT LEAST 18 YEARS OLD. OTHER PEOPLE WHO USE WillBnB WON'T SEE YOUR BIRTHDAY.

MM/DD/YYYY **Day is not required**

☒ IF CHECKED, WE'LL SEND YOU REQUESTING PROMOTIONS, SPECIAL OFFERS, INSPIRATION, AND POLICY UPDATES VIA EMAIL.

SIGN UP

Sign Up form

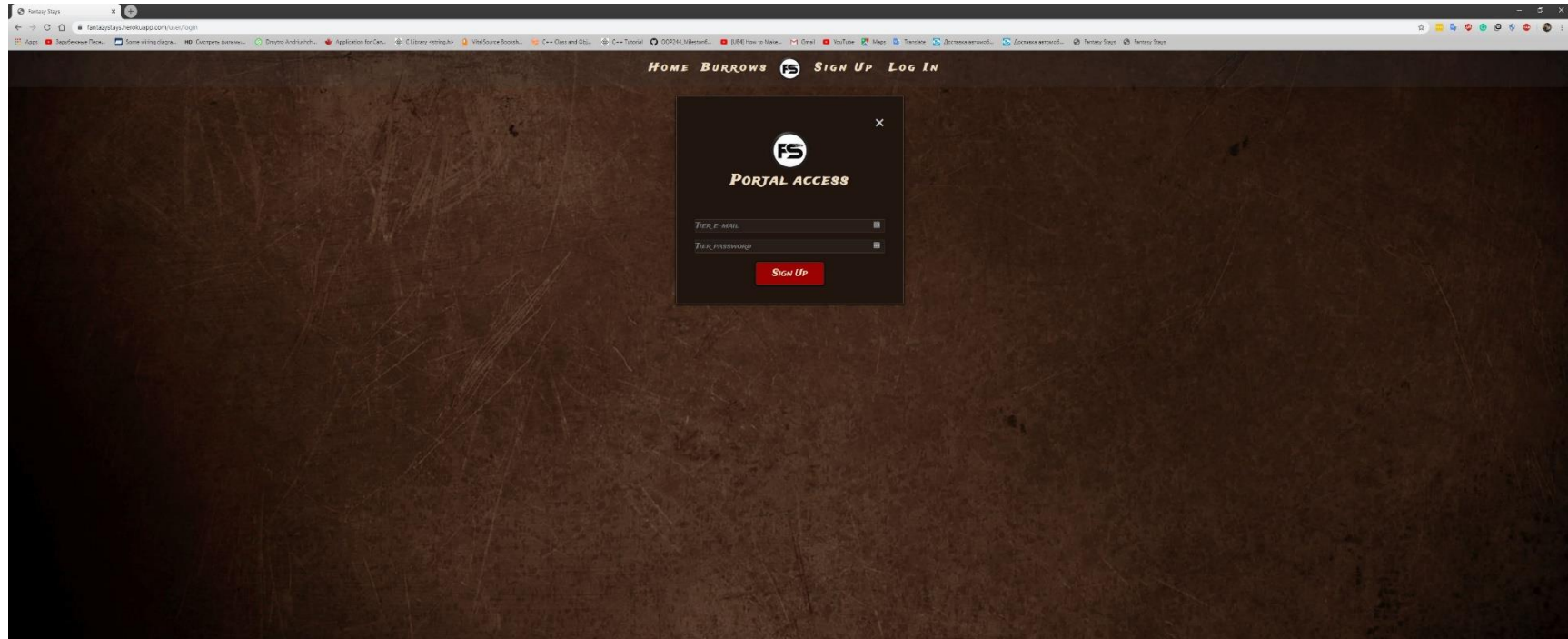
If such email already in the DB user will be informed

The screenshot shows a web browser window with the URL santazipass.github.io/WillBeB/signup. The page has a dark, textured background. At the top, there is a navigation bar with links: [HOME](#), [BURROWS](#), [SIGN UP](#), and [LOG IN](#). The main content is a 'NEW USER REGISTRATION' form. The form includes the following fields and elements:

- Email Address:** A text input field with a red error message below it: 'This e-mail already exists'.
- Username:** A text input field.
- Адрес/почтовый ящик:** A text input field.
- Create a Password:** A text input field.
- Confirm a Password:** A text input field.
- BIRTHDAY:** A section with a warning: 'To sign up, you need to be at least 18 years old. Other people who use WillBeB won't see your birthday.' Below this is a date input field showing '11/11/1989'.
- By checking, we'll send you marketing promotions, special offers, inspiration, and policy updates via email.** A checkbox is checked.
- Sign Up:** A red button at the bottom of the form.

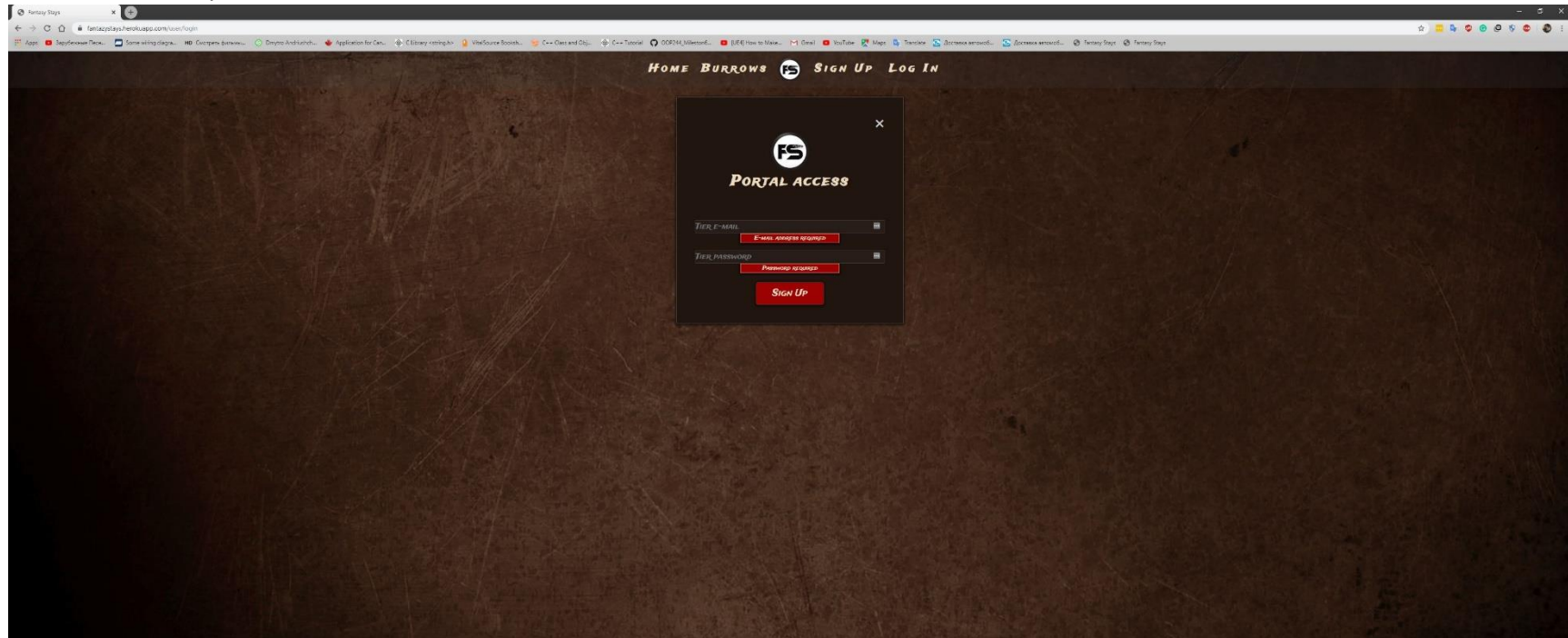
Log In

Login form asks to enter email and password



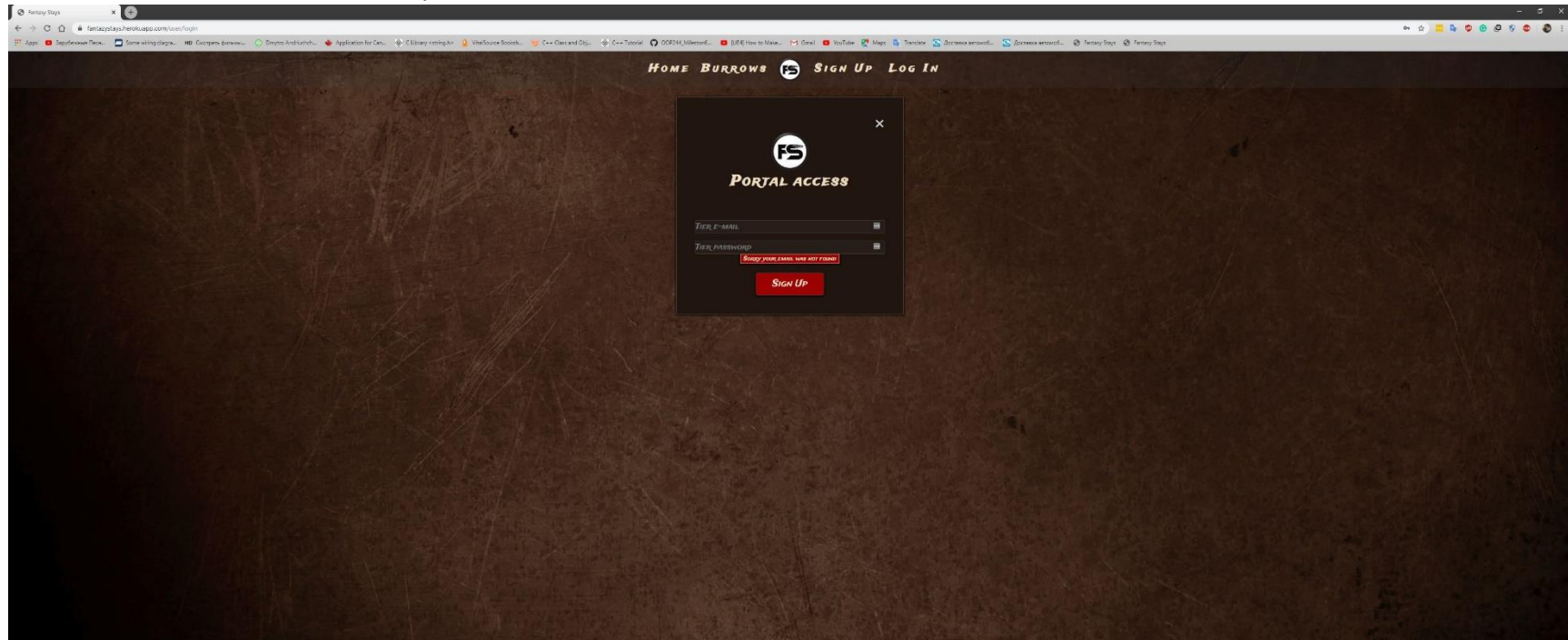
Log In

If fields are black system will show what must be filled



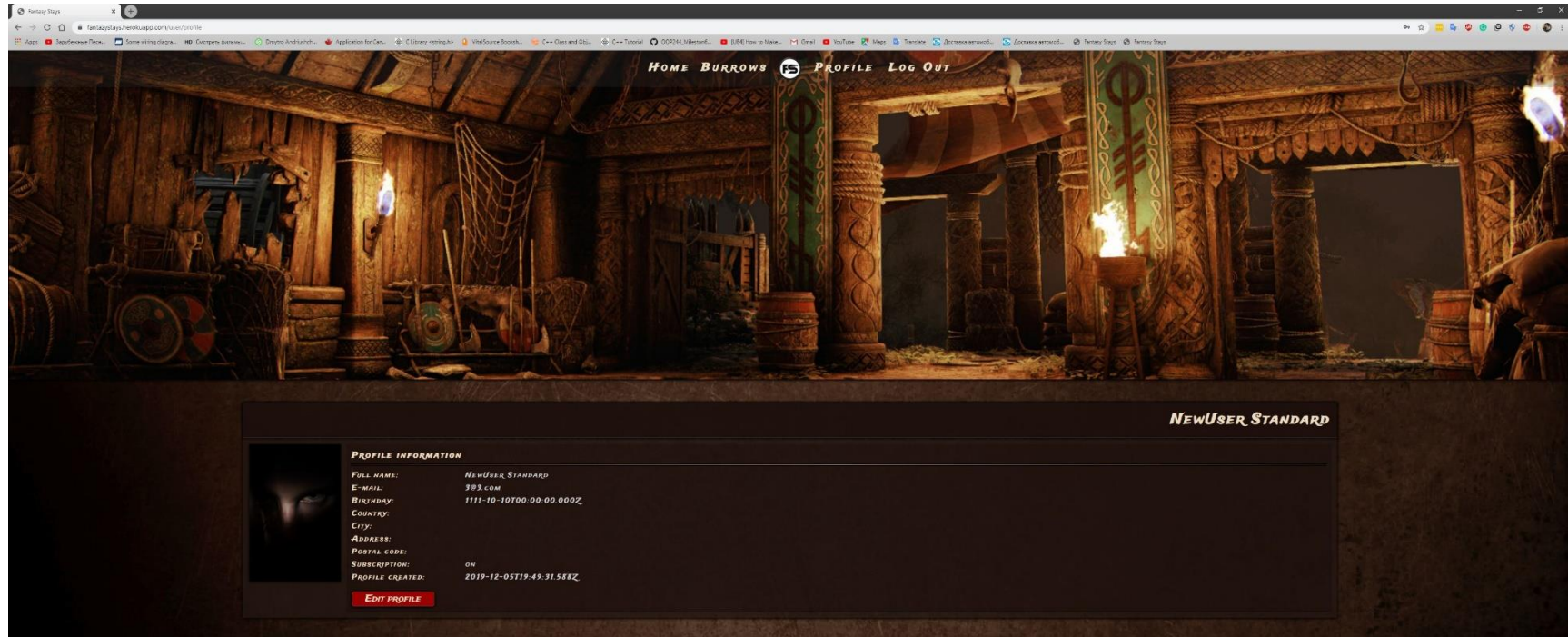
Log In

If user entered 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

HOME BURROWS PROFILE LOG OUT

NEWUSER STANDARD

EDIT PROFILE INFORMATION

FIRST NAME: NEWUSER

LAST NAME: STANDARD

E-MAIL: 303.COM

NEW PASSWORD: ENTER A NEW PASSWORD

CONFIRM A NEW PASSWORD: CONFIRM A NEW PASSWORD

COUNTRY:

CITY:

ADDRESS:

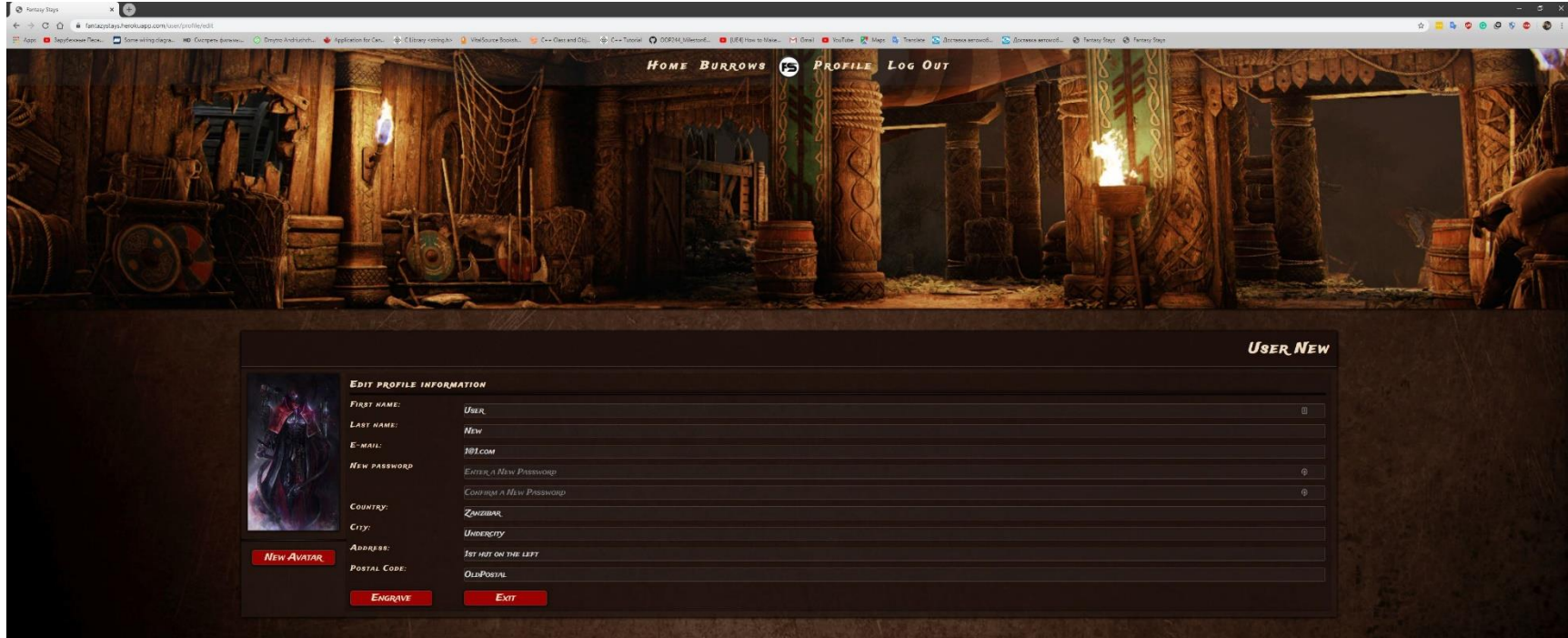
POSTAL CODE:

NEW AVATAR

ENGRAVE EXIT

Modified user profile

Modified user's profile

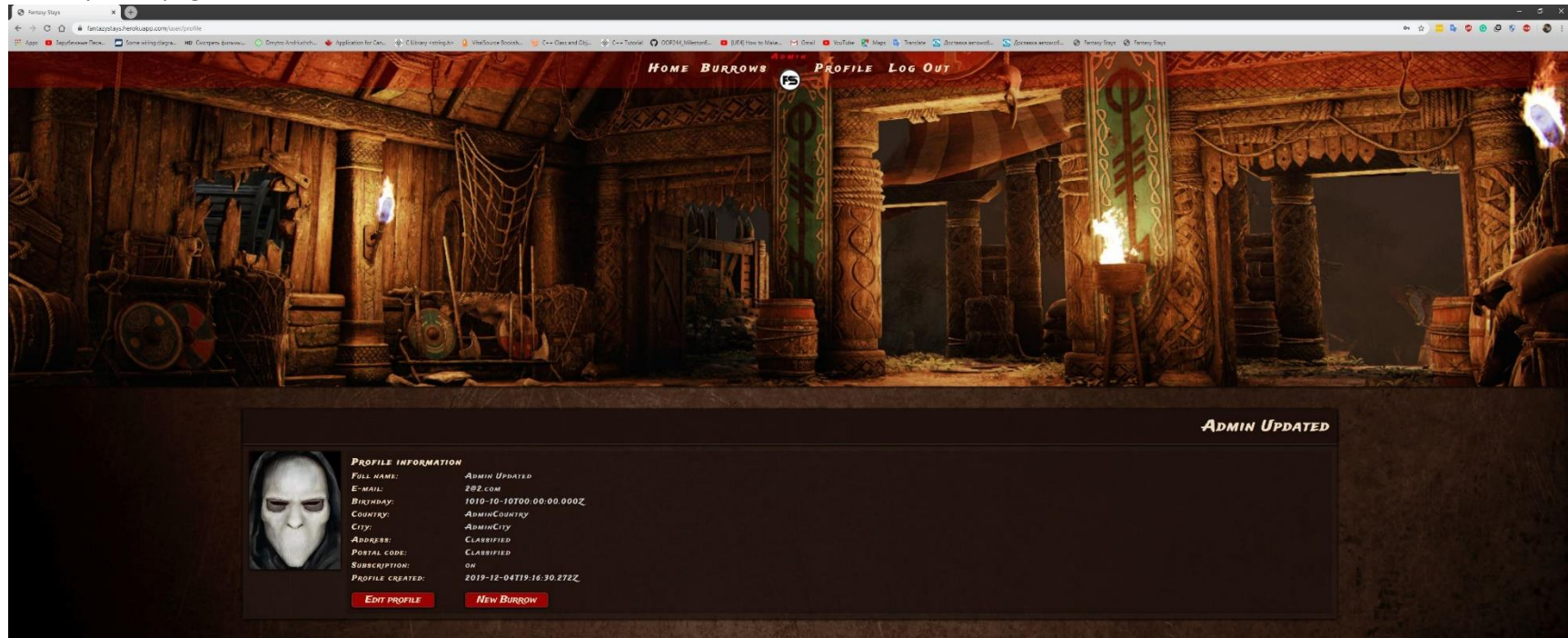


The screenshot shows a web browser window with a dark, medieval-themed background. The browser's address bar shows the URL "http://localhost:8080/". The page has a navigation bar with links: "HOME", "BURROWS", "PROFILE", and "LOG OUT". The main content area is a dark, textured surface. In the center, there is a profile editing form titled "USER NEW". The form contains the following fields and buttons:

- EDIT PROFILE INFORMATION**
- FIRST NAME:** USER
- LAST NAME:** NEW
- E-MAIL:** NEW.COM
- NEW PASSWORD:** ENTER A NEW PASSWORD
- CONFIRM A NEW PASSWORD:** CONFIRM A NEW PASSWORD
- COUNTRY:** ZANGIBAR
- CITY:** UNDERCITY
- ADDRESS:** 1ST HUT ON THE LEFT
- POSTAL CODE:** OLDPOSTAL
- NEW AVATAR:** (button)
- ENGRAVE:** (button)
- EXIT:** (button)

Admin profile

Admin profile page. Where he can edit his information and add new “Burrow”



Room addition form

“Burrow” addition page prompts for information and picture

HOME BURROWS PROFILE LOG OUT

ADD NEW BURROW

BURROW INFORMATION

BURROW NAME:

PRICE:

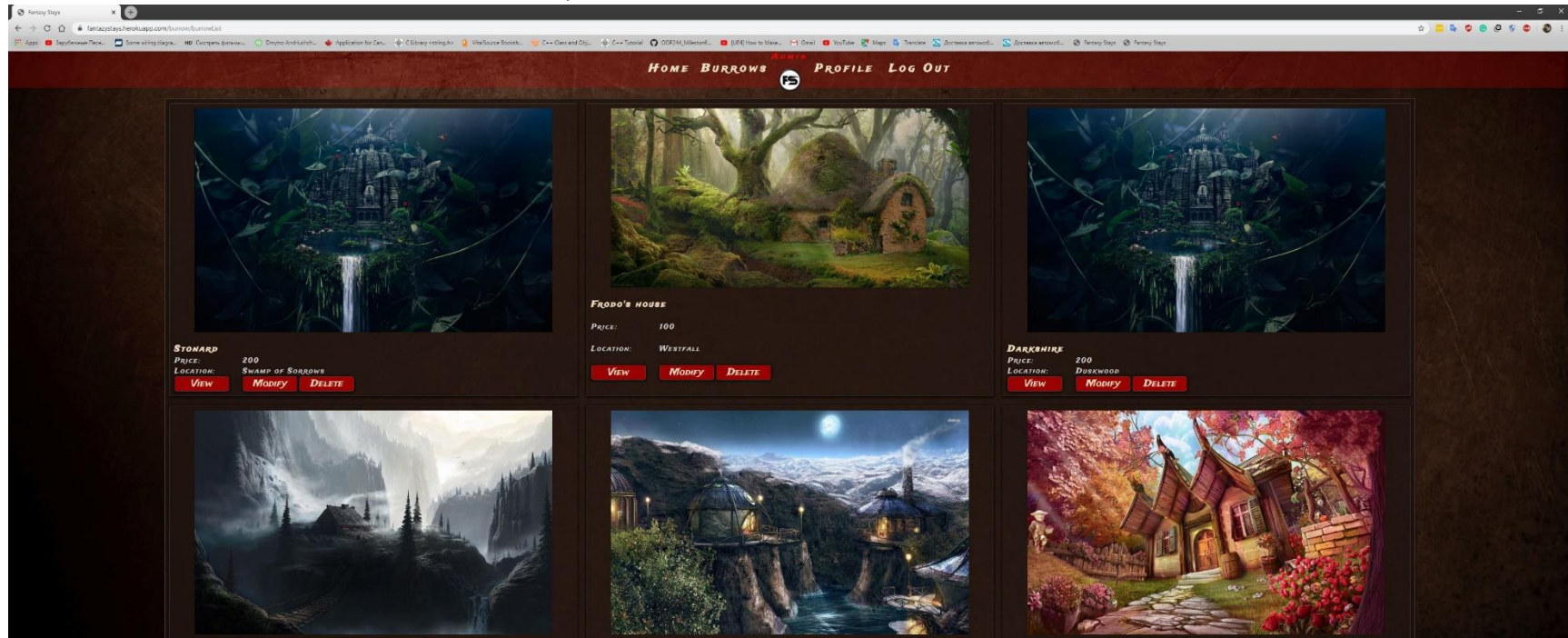
LOCATION:

DESCRIPTION:

ADD PICTURE **SAVE** **EXIT**

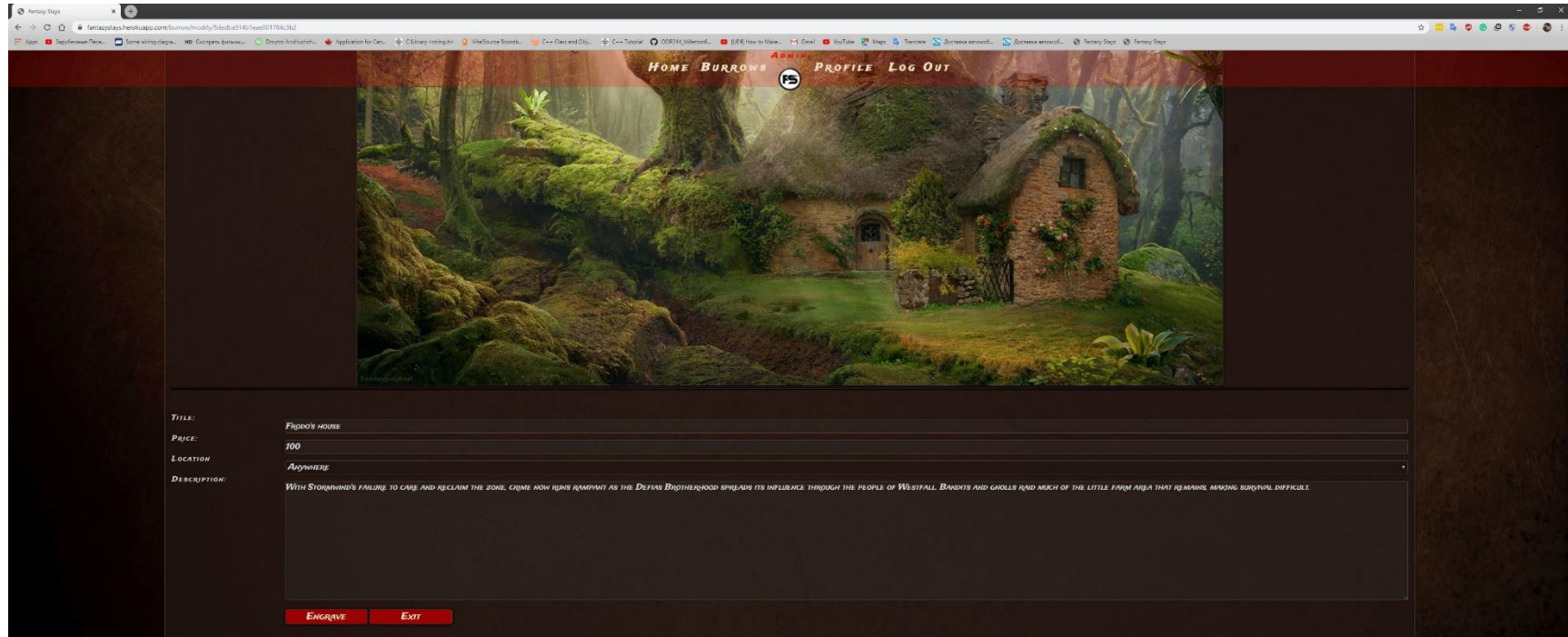
Admin view

List of rooms from admin account where he has 3 options



Admin room edit

Admin Edit Room



Web app structure

