HypeHouse

Link to youtube video: https://youtu.be/mcJAs9nIm5A

1. Overview

- **HypeHouse** is a rental platform tailored for content influencers and vloggers, offering high-end, reputable locations for recording and staying. More importantly, it fosters a social ecosystem where influencers can collaborate, network, and grow together. Unlike platforms like Airbnb that focus primarily on accommodation, **HypeHouse** enhances the influencer lifestyle by offering an immersive, community-driven experience.

2. Instructions for Running

(**Prerequisites**: Python 3.x, Flask, Tailwind CSS,Shoelace)

Steps to run:

1. **Clone the git repository, navigate to directory**:

   ```
   git clone <repository_url>
   cd <repository_directory>
   ```

2. **Install dependencies**:

   We've made a run.sh file that will install the dependencies to run our app.

   ```
   ./run.sh
   ```
   (If this doesn't work for you, install dependencies with pip install "dependencyName")

3. **Run the application**:
   ```
   flask run
   ```

4. **Open a browser and navigate to `http://localhost:5000` to view the application.**

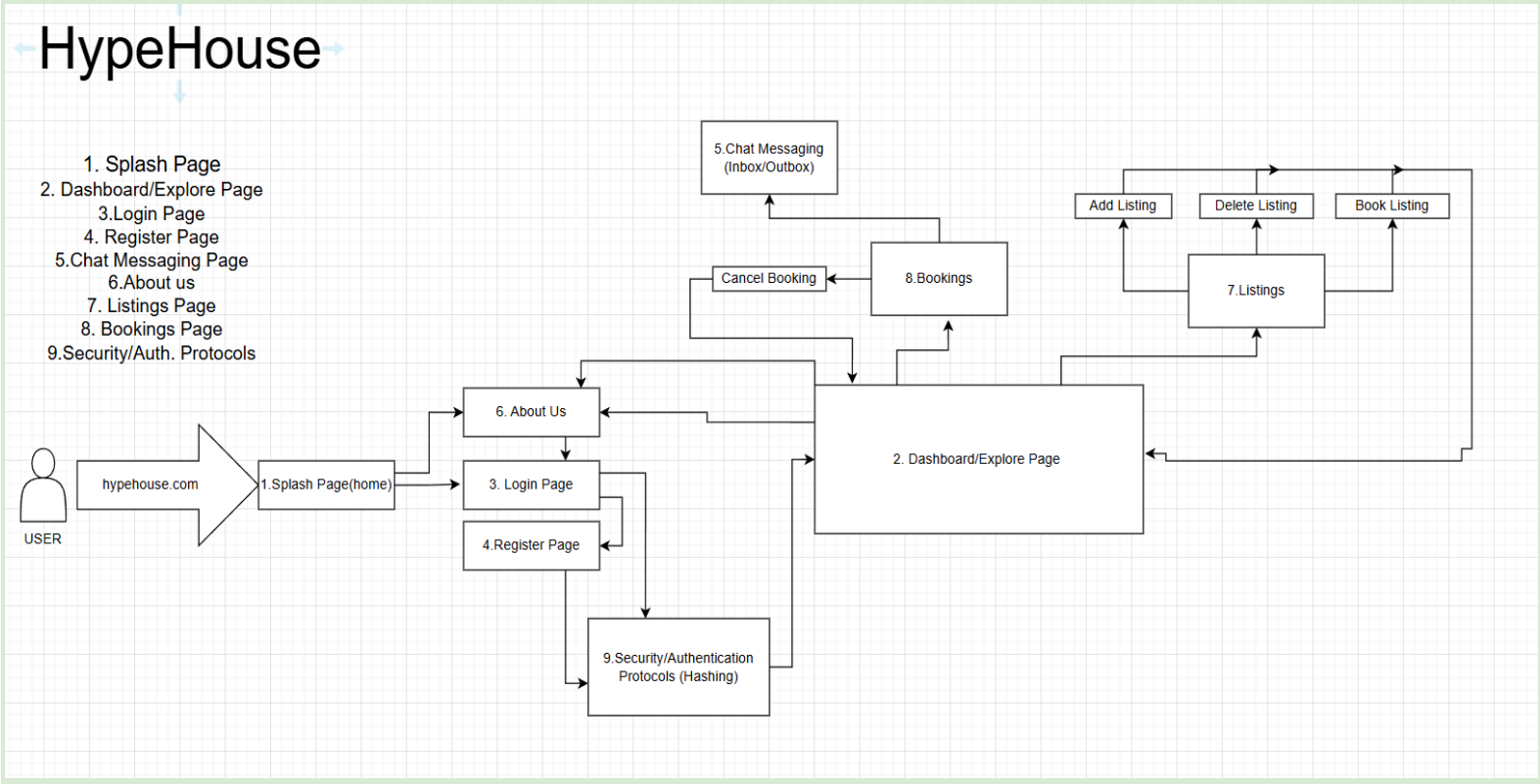
3. Functional Requirements (FRs)

- **User Registration & Login**: Users can create an account, log in, and authenticate securely.
- **Listings**: Users can browse, create, update, and delete listings for rental properties.
- **Bookings**: Users can book properties for specific dates, view upcoming bookings, and cancel them.
- **Search & Filter**: Users can search for listings based on criteria like name and price
- **Social Features**: Users can interact and connect with the hosts through use of a chat box.

4. Non-Functional Requirements (NFRs)

- **Scalability**: The platform would be able to scale to handle a growing number of users and listings.
- **Performance**: The application would be able to load and interact quickly, even with a large number of listings.
- **Security**: All user data should be securely stored, hashed, and transmitted. The platform should follow best practices for user authentication and data privacy.
- **Accessibility**: The website should be accessible to users with disabilities, following WCAG standards.
- **Usability**: The user interface should be intuitive and easy to use for all users.
- **Reliability**: The platform should have minimal downtime and recover quickly in case of failures.

5. Diagram


HypeHouse
1. Splash Page
2. Dashboard/Explore Page
3.Login Page
4. Register Page
5.Chat Messaging Page
6.About us
7. Listings Page
8. Bookings Page
9.Security/Auth. Protocols
5.Chat Messaging (Inbox/Outbox)
Add Listing
Delete Listing
Book Listing
Cancel Booking
8.Bookings
7.Listings
6. About Us
2. Dashboard/Explore Page
USER
hypehouse.com
1.Splash Page(home)
3. Login Page
4.Register Page
9.Security/Authentication Protocols (Hashing)

(Old, Original Diagram:)