

# First Release

## Main Page

The Main Page of our application serves as the central hub for users to find and book their ideal properties.

### 1) Search Bar

The Search Bar is prominently located on the Main Page, allowing users to quickly enter their search queries and find properties that match their criteria. Users can refine their searches based on the following options:

- City
- Check-In Date (Anreisedatum)
- Check-Out Date (Abreisedatum)
- Number of Guests (Personenanzahl)
- Distance (Entfernung) - **by default add 30 km + stadt**

### More Filtering Options

- Property Type: Filter by property types such as apartments, houses, etc. (e.g., 1, 2-bedroom, double, single).
- Room Count/Bedroom: Specify the number of rooms or bedrooms required.
- Bed Count: Determine the number of beds needed.
- Budget: Define a budget range to find properties within a specific price range.
- Facilities: Filter by amenities such as free Wi-Fi, parking, etc.
- Neighborhood (Umgebung): Select properties located in preferred neighborhoods.

### 2) Favorites Section

The Favorites section allows users to save and easily access their preferred properties.

## **Features:**

- Add to Favorites: Users can add properties to their favorites list by clicking the heart icon or a similar button on the property listing.
- View Favorites: A dedicated favorites page where users can view all the properties they have saved.
- Compare Properties: A comparison tool that allows users to compare multiple favorite properties side-by-side based on various criteria such as price, amenities, location, and reviews. - add graph
- Notes: Users can add personal notes or comments to each favorite property to remember specific details or preferences.
- Share Favorites: An option to share favorite properties with friends or family via email, social media, or direct link.
- Map View: A map view of all favorite properties to see their locations relative to each other and nearby points of interest.

## **Page Content**

### **Header Section**

- Logo and Branding: Display the logo and brand identity prominently for easy recognition.
- Navigation Bar: Include a clear and intuitive navigation bar with links to essential pages such as Home, Favorites, and User Account (Admin Login).
- Search Bar: Positioned prominently to allow users to start their property search quickly and efficiently.

### **Banner or Hero Section**

- Featured Properties: Showcase high-quality images and brief descriptions of featured properties to capture users' attention.

### **Footer Section**

- About Us: Brief description of our company and mission.

- Contact Information: Contact details including address, phone number, and email.
- Social Media Links: Links to our social media profiles for users to connect and follow updates.
- Legal Information: Links to terms of service, privacy policy, and other legal disclaimers.

## **Single Property Block on the City Page**

### **Property Data + 2 Buttons or 1 Combined Button:**

- More Information: Leads to the Single Property Page.
- Send Request: Sends a request for all properties to administrators for further processing.

## **Single Property Page**

### **First Section:**

- Property Data, photos, and the selected property's price.
- Price Development Statistics Graph.

### **Second Section - Price Comparison**

- Shows all the properties of the user who has uploaded that single property.
- Each property added by the user should include Property Data, the Main Website's Logo, and the Redirect Link.
- When a user clicks on the link, they should be redirected to the original website from which the information was retrieved.

### **Property Order Logic**

Initially, properties are not validated (verified). This process should be done manually by the admin.

# User Question Submission Form

## Form Fields:

*Contact Information:*

*Name*

*Email Address*

*Phone Number (optional)*

*Subject: Brief summary of the question.*

*Question Details: Detailed description of the inquiry or question.*

*Additional Information (Optional):*

*Preferred Contact Method (email, phone).*

*Attachments (e.g., screenshots, documents related to the question).*

## Submit Button

Display a confirmation message after successful submission, assuring users that their question has been received.

# Second Release

## Search Functionality Changes

The search functionality has been modified to accommodate different user scenarios based on the duration of stay and number of guests.

### New Search Logic:

- Redirect to Booking.com:

If the stay duration is less than 3 days and/or the number of guests is less than 2, the search will redirect to Booking.com.

- Standard Search:

For all other search criteria, the search will proceed as previously implemented, allowing users to filter and browse through the available properties within our application.

## **Display of Properties:**

- All Properties Section:
  - 1) Properties retrieved from Booking.com will also be displayed in the “All Properties” section of the application.
  - 2) These properties will be positioned on the last pages of the search results, ensuring that properties from our platform are shown first.
- Integration of Channel Manager (PMS)

A Property Management System (PMS) or Channel Manager has been integrated to streamline property management and synchronize booking data across multiple channels.

## **Payment Functionality:**

A new payment functionality has been introduced to support monetization through premium features.

### **Features:**

- Free Property Listings: Adding a property to the application is free of charge for all users.

### **Premium Features:**

Users can opt to pay for additional features, such as being included in the first top 20 list of properties. This premium placement is based on an auction system, where verified properties can bid to secure a spot in the top listings.

- Auction-Based Pricing Logic:
  - a. Only verified properties are eligible to participate in the auction.
  - b. The top 20 spots are determined based on the highest bids.

## **Booking Process Functionality:**

- Bank Transfer Information: After selecting a property to book, the user will be provided with the bank transfer details needed to complete the payment.

- **Proof of Payment:** Users must upload a screenshot of their bank transfer receipt to their account page as proof of payment.
- **Admin Approval:** An administrator will review and approve the payment. Once the payment is approved, the booking will be confirmed.

## Admin Dashboard

The Admin Panel is designed to provide administrators with the tools needed to manage the properties, users, and bookings on the platform efficiently.

### Admin Panel Features

#### Dashboard

- A summary of platform statistics such as total properties, verified properties, pending verifications, active users, and recent bookings.
- Graphical representation of key metrics (e.g., new users, property submissions, payments processed).

#### Recent Activity:

A list of recent actions taken on the platform, such as newly added properties, user registrations, and recent bookings.

#### User Management:

**User List:** View a list of all registered users with details like username, email, registration date, and status (active, suspended, etc.).

**User Verification:** Review and verify new user accounts, especially for property owners who wish to list their properties.

**User Actions:** Edit user details, reset passwords, or suspend/delete user accounts if necessary. View user activity logs and history.

## **Property Management**

**Property List:** View all properties listed on the platform, including both verified and non-verified listings. Filter properties based on various criteria such as city, property type, and verification status.

**Property Verification:** Review new property submissions and verify their authenticity. Only verified properties can participate in premium listing auctions.

**Edit Property Details:** Edit property information, photos, amenities, and pricing details.

**Featured Listings:** Manage properties that are part of the top 20 auction list. View the current bids, end times of auctions, and the final auction winner. (Single page dedicated for this)

## **Booking Management**

**Booking List:** View all bookings made through the platform. Includes details such as booking ID, property, dates, user information, and payment status.

**Approve/Reject Bookings:** Review and approve or reject bookings based on payment confirmation or other criteria.

**Payment Confirmation:** Verify payment proofs uploaded by users for bank transfer bookings. Confirm or reject the payment after reviewing the proof.

## **Payment and Auction Management**

**Payment Overview:** View all payment transactions made on the platform, including successful, pending, and failed transactions. Manage user payments for premium listings, refunds, and booking payments.

**Auction Management:** Monitor active auctions for top 20 listings. View bid history, user details, and manage the auction logic.

**Set Auction Rules:** Define rules for auctions, such as minimum bid amounts, auction duration, and eligibility criteria for properties to participate in the auction.

## **Notifications and Alerts**

**User Notifications:** Send notifications to users for important updates, such as property verifications, auction results, or payment confirmations.

**Alert Settings:** Configure automated alerts for critical events like failed payments, booking cancellations, or new user registrations.

## **Reports and Analytics**

**Generate Reports:** Generate detailed reports on various aspects such as user activity, property listings, booking trends, and financial transactions.

**Analytics Dashboard:** View analytical data visualizations, including user growth, property listing trends, booking rates, and revenue statistics.

## **Settings**

**Platform Settings:** Configure platform-wide settings, including property listing fees, auction rules, and user registration requirements.

### **Admin Users:**

Manage admin accounts, assign roles, and set permissions for different admin users based on their responsibilities.

### **Localization and Language Settings:**

Configure language settings and localization options for the platform.

### **Admin Workflow**



1. **User Verification:** Review and verify user accounts as they register on the platform. Verify the identity of property owners before they can list properties.
2. **Property Verification:** Review and verify new property listings. Ensure that property details and photos are accurate. Verified properties can participate in the auction for top 20 listings.
3. **Booking Approval:** For bookings requiring bank transfers, review the uploaded payment proof. Confirm or reject the booking based on the payment verification.
4. **Auction Management:** Monitor active auctions for premium listing positions. Manage bids and announce the winning properties for the top 20 listings.
5. **Payment Processing:** Oversee all payments on the platform, including property promotion fees and booking payments. Handle refunds if necessary.
6. **User Support:** Respond to user queries submitted through the User Question Submission Form. Assist with issues related to property listings, bookings, and payments.