

Botanical admin doc

Admin Panel Sitemap and Functionality

1. Content Management

- **1.1 Garden Structure Management**
 - **1.1.1 Area Management**
 - List, add, edit, and delete garden areas (e.g., Rose Garden, Cactus Conservatory)
 - Define hierarchy of garden areas (e.g., sub-areas within a larger garden)
 - **1.1.2 Route Management** (Optional)
 - Define walking trails or designated paths within the garden
 - Manage waypoints and directions along routes
 - Integrate with map functionality for route visualization
- **1.2 Point of Interest (POI) Management**
 - List, add, edit, and delete POIs within the garden
 - Categorize POIs (e.g., landmark plants, water features, sculptures)
 - Manage POI location on the garden map
 - Upload photos, descriptions, and audio guides for POIs
- **1.3 Plant Management**
 - List, add, edit, and delete plant entries
 - Manage plant categorization (by type, family, region etc.)
 - Upload photos, descriptions, and audio guides for plants
 - Integrate with AR (Augmented Reality) for plant overlays (optional)
 - Manage area-wise association of plants with specific garden locations
- **1.4 Information Management**
 - **1.4.1 About Us**
 - Edit About Us content (garden history, mission, vision)
 - Manage contact information (phone number, email, address)
 - Update social media links (Facebook, Instagram etc.)
 - **1.4.2 FAQs (Frequently Asked Questions)**
 - Manage a list of FAQs and corresponding answers
 - **1.4.3 Amenities Management**
 - List, add, edit, and delete various amenities offered within the garden (e.g., restrooms, cafes, gift shops)
 - Associate amenities with specific garden areas (optional)
 - **1.4.4 Charges and Details Management**
 - Manage entry ticket pricing (individual, family, student etc.)

- Define ticketing options (online purchase, physical ticketing etc.)
- Manage charges for additional services (guided tours, workshops etc.) if applicable
- **1.5 Area-wise Content Management**
 - Manage text, image, video, and audio content specific to each garden area
 - Allow for rich content creation to showcase unique aspects of different areas

2. User Management (Optional)

- User list (based on registrations, if applicable)
- User details management (name, email, contact information, if applicable)

3. Feedback Management

- View and respond to user feedback received through the app
- Address user concerns and suggestions

4. Analytics (Optional)

- Track user activity within the app (garden areas visited, plants explored, features used etc.)
- Analyze user demographics and interests

5. System Management

- Manage user accounts for administrators with different access levels
- Configure push notifications for sending alerts or updates to users
- Back up and restore application data
- Manage app settings and configurations

Detailed List of Admin Panel Sections

Content Management

- **Garden Structure Management**
 - **Area Management:** This section allows you to create a hierarchical structure for your botanical garden, defining different areas and sub-areas. You can add, edit, and delete areas as needed.
 - **Route Management (Optional):** This section allows you to define walking trails or designated paths within the garden. You can manage waypoints and directions along these routes, and integrate them with the map functionality for user visualization.
- **Point of Interest (POI) Management**
 - This section allows you to manage all points of interest within the garden. You can add POIs like landmark plants, water features, sculptures, and more. You can also

categorize them, manage their location on the map, and upload photos, descriptions, and audio guides to provide rich information to users.

- **Plant Management**

- This section allows you to create a comprehensive database of plants within the botanical garden. You can add new plants, edit existing entries, and categorize them by type, family, region, or any other relevant criteria. You can upload photos, descriptions, and audio guides for each plant, and even integrate AR functionality to overlay plant information on the user's camera view (optional). Additionally, you can manage the association of plants with specific garden areas.

- **Information Management**

- **About Us:** This section allows you to edit the content displayed in the "About Us" section of the mobile app, including the garden's history, mission, vision, contact information, and social media links.
- **FAQs (Frequently Asked Questions):** This section allows you to manage a list of frequently asked questions (FAQs) and their corresponding answers. This helps users find quick answers to common inquiries about the garden.
- **Amenities Management:** This section allows you to manage a list of amenities offered within the garden, such as restrooms, cafes, gift shops, and more. You can add new amenities, edit existing ones, and even associate them with specific garden areas for better user guidance.
- **Charges and Details Management:** This section allows you to define entry ticket pricing for different categories (individual, family, student etc.) and manage ticketing options like online purchase or physical ticketing. Additionally, you can manage charges for any additional services offered, such as guided tours or workshops.

- **Area-wise Content Management**

- This section allows you to create rich content specific to each garden area. You can upload text descriptions, images, videos, and audio guides to showcase the unique aspects of different areas within the botanical garden. This allows you to provide a more immersive and informative experience for users exploring different sections of the garden.

****User Management**

- This section allows you to manage user accounts. You can view a list of registered users, access their details (name, email, contact information), and manage their accounts as needed.

Feedback Management

- This section allows you to view and respond to user feedback received through the mobile app. You can address user concerns and suggestions, improving the overall user experience based on their input.

Analytics (Optional)

- This section allows you to track user activity within the app. You can see which garden areas users visit most frequently, which plants they explore, and which features they use the most. This data can be used to gain insights into user behavior and optimize the app accordingly.

System Management

- This section allows you to manage various aspects of the app's backend operations. You can:
 - Create user accounts for administrators with different access levels, controlling their permissions to manage specific functionalities within the app.
 - Configure push notifications to send alerts or updates to users about upcoming events, new plant additions, or special garden hours.
 - Back up and restore application data to ensure data security and prevent loss of information.
 - Manage app settings and configurations, such as customizing the look and feel of the app or enabling/disabling certain features.

This detailed breakdown of the admin panel sections provides a clear understanding of how each section allows you to manage various aspects of the mobile botanical garden application. Remember to adapt and customize this structure based on your specific needs and functionalities.