

Flyola Platform Overview

Front-End Features

➤ **Fully Responsive Website:**

The website is designed to be fully responsive, ensuring an optimal user experience across various devices and screen sizes.

➤ **All Menu Pages:** Includes essential navigation menus for easy access to all parts of the website.

➤ **Flight Search:** Allows users to search for flights based on departure and arrival airports, dates, and the number of passengers.

➤ **Flight List:** Displays available flights based on search criteria, including details such as departure times and seat availability.

➤ **Ticket Booking Page:** Facilitates the booking process for selected flights.

➤ **Payment Page:** A secure page for processing payment transactions.

➤ **Booking Validation and Confirmation:** Provides booking validation and confirmation to users upon completion.

➤ **Seat Selection and Availability:** Shows available seats and allows users to select their preferred seats.

➤ **Ticket Download Page:** Enables users to download their tickets for future reference.

➤ **Flight Schedule Display:** Shows flight schedules on the homepage for quick access.

➤ **Verified User Reviews:** Displays verified user reviews to provide authenticity and credibility.

➤ **Admin Dashboard:** Provides tools and interfaces for administrative management of the platform.

➤ **User Dashboard:** Allows users to manage their bookings and personal information.

➤ **Enquiry/Contact Form Page:** Facilitates communication between users and the support team.

➤ **User Registration and Login:** Enables users to create accounts and log in to the platform.

➤ **Dynamic Pages:** Includes essential legal and informational pages such as Privacy Policy, Refund Policy, and more.

➤ **Blog Section:** Features articles and updates related to the airline and travel industry.

Super Admin Features

- **Authentication with Limitations:** Manages access to administrative functions based on user roles.
- **Dashboard Welcome Page:** Provides an overview and quick access to administrative tools and features.
- **Booking Management:** Options to update, edit, and change the status of bookings.
- **Booking Sorting and Search:** Allows sorting and searching of bookings by date and other criteria.
- **Flight Section Management:** CRUD (Create, Read, Update, Delete) operations for managing airports and flight details.
- **Flight Schedule Management:** Manages flight schedules and connectivity between flights.
- **Transaction History:** Monitors and reviews transaction records for financial oversight.
- **Report Generation and Download:** Generates and downloads reports related to booking and flight data.
- **Review Management:** Manages and moderates user reviews and feedback.
- **User Management:** Includes options to add, edit, delete, and update user accounts and roles.
- **Agent Management:** Handles the management and administration of travel agents.
- **Website Settings:** Provides configuration options for website settings.
- **Cache Management:** Clears cached data to maintain website performance.
- **Customer List:** Displays a list of customers for administrative purposes.
- **Passenger Flight List:** Manages records of passengers on flights.
- **Dynamic Page Management:** Includes dynamic pages such as About Us and Privacy Policy.
- **Dynamic Blog Section:** Manages and updates the blog section of the website.
- **Payment Gateway Integration:** Working multiple payment gateways, including PayU, Razorpay, and PhonePe.
- **Admin User Management:** Options to activate, deactivate, and create super admin users, along with assigning login credentials.
- **Logout Functionality:** Allows admin users to securely log out of the system.

User Dashboard

- **Welcome Dashboard:** Provides a personalized welcome page for users.
- **Booking History:** Displays a history of all past bookings for the user.
- **PNR Status Check:** Allows users to check the status of their bookings using the PNR number.
- **Refund Request:** Enables users to request refunds for their bookings.
- **Payment Management:** Manages payment details and transactions.
- **Support Ticket Submission:** Allows users to send support tickets via email for assistance.
- **Billing Details Management:** Users can view, edit, and update their billing information.
- **Profile Management:** Users can manage and update their profile information.
- **Logout Functionality:** Provides a secure option for users to log out of their accounts.

Booking Process

1. **Flight Search:** Users search for flights by specifying departure and arrival airports, dates, and the number of passengers.
2. **Flight Listing:** A list of available flights is displayed, showing seat availability and booking times.
3. **Booking Steps:**
 - Step 1: Users review flight details and select their preferred flight.
 - Step 2: Users enter passenger details, including names and dates of birth.
 - Step 3: Users review payment details and proceed to payment.
 - Step 4: Upon successful payment, a confirmation message is sent to both the user and the admin.

Comparison of API Documentation with Flyola Features

1. Search

- **API:** Basic direct flight documentation available.
- **Feature:** Flight Search (allows users to search for flights based on departure and arrival airports, dates, and the number of passengers).
- **Status: Complete.**

(The basic search functionality aligns with the available documentation.)

2. Review

- **API:** No documentation available.
- **Feature:** Verified User Reviews (displays user reviews that have been verified for authenticity).
- **Status: Incomplete.**

(Handling reviews is not available, so integration and functionality may need additional development.)

3. Ancillaries

- **API:** No documentation available for Seat/Meal/Bag.
- **Feature:** Seat Selection and Availability (allows users to select and view available seats) and Special Requests (such as meal preferences).
- **Status: Incomplete.**

(ancillary services related to seat, meal, and baggage are not fully developed or integrated.)

- **Deployment part (Seat/Meal/Bag)**

Seat Models:

- **Standard Economy:** Provides basic seating with standard legroom and no additional features.
- **Economy Plus:** Offers extra legroom and more comfortable seating compared to standard economy.
- **Business Class:** Features wider seats that recline more fully, enhanced privacy, and premium amenities.
- **First Class:** Provides the highest level of comfort with spacious seating that converts into a bed, personalized service, and luxury features.

Meal Models:

- **Standard Meal:** Includes a basic meal option, typically aligned with the airline's standard service.
- **Special Dietary Meal:** Provides options for passengers with specific dietary requirements, such as vegetarian, vegan, gluten-free, or kosher meals.
- **Gourmet Meal:** Offers a premium dining experience with high-quality ingredients and gourmet preparation.
- **Snacks and Light Meals:** Available for shorter flights or for passengers who prefer lighter fare.

Baggage Models:

- **Standard Baggage Allowance:** Includes one carry-on bag and a personal item, with a checked baggage option that may incur additional fees.
- **Enhanced Baggage Allowance:** Provides more generous baggage limits, including additional checked bags and larger carry-on options.
- **Premium Baggage Services:** Features priority baggage handling, increased weight limits, and access to specialized luggage handling services.
- **Baggage Upgrades:** Options for purchasing additional baggage allowance or specialized luggage services, such as fragile item handling.

4. Prebook

- **API:** No documentation available for holding inventory/pricing.
- **Feature:** Ticket Booking Page (facilitates the booking process) and Booking Validation (confirms booking details).
- **Status: Incomplete**

(For holding inventory or pricing in session is not available, impacting the booking flow and user experience.)

5. Postbook

- **API:** Documentation available for committing the booking.
- **Feature:** Booking Confirmation (provides validation and confirmation of the booking).
- **Status: Complete.**

(Aligns with the booking confirmation functionality.)

6. Penalties

- **API:** No documentation available for cancellation and date change penalties.
- **Feature:** Refund Request (allows users to request refunds) and Booking Management (includes options to update, edit, and change the status of bookings).
- **Status: Incomplete.**

(For handling penalties related to cancellations and date changes is missing.)

7. Baggage

- **API:** No documentation available for check-in and cabin baggage allowance.
- **Feature:** Not explicitly mentioned, but could relate to ancillary services.
- **Status: Incomplete.**

(For managing baggage allowance is not documented, impacting baggage-related functionalities.)

8. Duplicate PNR Check

- **API:** No documentation available.
- **Feature:** Booking Management (includes options for booking updates and validations).
- **Status: Incomplete.**

(The ability to check for duplicate PNRs is not covered by available API documentation.)

9. Get PNR

- **API:** No documentation available for fetching PNR details.
- **Feature:** PNR Status Check (allows users to check the status of their bookings).
- **Status: Incomplete.**

(support for fetching PNR details, this feature cannot be fully implemented)

10. Cancellation

- **API:** No documentation available.
- **Flyola Feature:** Refund Request and Booking Management.
- **Status: Incomplete.**

(for cancellations means this functionality needs further development.)

11. Date Change

- **API:** No documentation available.
- **Feature:** Booking Management and Refund Request.
- **Status: Incomplete.**

(support for date changes affects the flexibility of booking modifications.)

12. Schedule Change Notification

- **API:** No documentation available.
- **Feature:** Flight Schedule Display (shows flight schedules on the homepage).
- **Status: Incomplete.**

(support for detecting changes in flight schedules, which impacts real-time updates)

13. PostSales Ancillaries

- **API:** No documentation available for seat/meal/bag purchases in post-sales.
- **Feature:** Ancillary services (such as seat selection and meal preferences) are included but not explicitly mentioned for post-sales.
- **Status: Incomplete.**

(for post-sales ancillary services is missing)

Summary

Based on the provided data:

- **Complete Sections:**
 - Search
 - Postbook
- **Incomplete Sections:**
 - Review
 - Ancillaries (Seat/Meal/Bag)
 - Prebook
 - Penalties
 - Baggage
 - Duplicate PNR Check
 - Get PNR
 - Cancellation
 - Date Change
 - Schedule Change Notification
 - PostSales Ancillaries

Naveen and Ankur Sir, guide for development

Front View

- Fully responsive website
- All menu pages
- Flight search functionality
- Flight list display
- Ticket booking page
- Payment page
- Booking validation and confirmation
- Seat count and seat selection
- Ticket download page
- Flight schedule displayed on the homepage
- Verified user reviews
- Admin dashboard
- User dashboard
- Enquiry/Contact form page
- User registration and login
- Dynamic dashboards (multiple dashboards)
- Blog
- Dynamic pages such as Privacy Policy, Refund Policy, etc.

Super Admin

- Authentication with limitations
- Dashboard welcome page
- Booking management (update, edit, status change)
- Booking sorting by admin
- Admin can add bookings for validation without payment
- Booking search by date
- Flight section management
- CRUD operations for airport section
- CRUD operations for flights, including associated airports
- CRUD operations for flight schedules and connectivity
- Transaction history check
- Report generation
- Report download for booking data
- Report download for flight data
- Review management
- User management (add, edit, delete, update, view users)
- Manage roles and section access
- Manage agents
- Website settings
- Cache clearing
- List of customers
- Passenger flight list
- Dynamic pages (e.g., About, Privacy Policy)
- Dynamic blog section
- Payment gateways (PayU, Razorpay, PhonePe)
- Super admin user activation and deactivation
- Super admin can create users and assign login IDs and passwords
- Admin logout

User Dashboard

- User welcome dashboard
- Booking history
- PNR status check
- Refund request
- Payment management
- Support ticket submission via email
- Billing details (edit and update)
- Profile management
- User logout

Flight Booking Process

1. User searches for flights by departure and arrival airports, date, and number of passengers.
2. A list of flights is displayed, showing seat availability and booking times.
3. When booking a flight:
 - **Step 1:** Display chosen flight details and options.
 - **Step 2:** Enter passenger details, including name and date of birth.
 - **Step 3:** Display payment details and a payment button.
 - **Step 4:** Upon successful payment, send confirmation messages to both the user and the admin via email.