

Landing Page API Documentation

Base URL

<https://api.yoursite.com>

Authentication

- Admin endpoints require authentication token in header:
Authorization: Bearer <token>
 - User endpoints may require user session or token where specified
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1. Landing & General Pages

Landing Page Content

- **GET** /api/content/landing
 - **Description:** Retrieve landing page content
 - **Response:** Landing page data (hero section, main content, CTAs)
 - **Status Codes:** 200 (Success), 404 (Not Found)
- **PUT** /api/content/landing
 - **Description:** Update landing page content
 - **Auth Required:** Admin
 - **Body:** Updated landing page content object

- **Status Codes:** 200 (Updated), 400 (Bad Request), 401 (Unauthorized)

About Page

- **GET** /api/content/about
 - **Description:** Retrieve about page details
 - **Response:** About page content (company info, mission, values)
 - **Status Codes:** 200 (Success), 404 (Not Found)
- **PUT** /api/content/about
 - **Description:** Update about page details
 - **Auth Required:** Admin
 - **Body:** Updated about page content
 - **Status Codes:** 200 (Updated), 400 (Bad Request), 401 (Unauthorized)

Features Section

- **GET** /api/content/features
 - **Description:** Retrieve product/service features
 - **Response:** Features list with descriptions and benefits
 - **Status Codes:** 200 (Success), 404 (Not Found)
- **PUT** /api/content/features

- **Description:** Update features content
- **Auth Required:** Admin
- **Body:** Updated features data
- **Status Codes:** 200 (Updated), 400 (Bad Request), 401 (Unauthorized)

Trust Building Section

- **GET** /api/content/trust
 - **Description:** Retrieve trust-building content
 - **Response:** Testimonials, team info, scientific backing, security details, timeline
 - **Status Codes:** 200 (Success), 404 (Not Found)
- **PUT** /api/content/trust
 - **Description:** Update trust-building section
 - **Auth Required:** Admin
 - **Body:** Updated trust content (testimonials, team, etc.)
 - **Status Codes:** 200 (Updated), 400 (Bad Request), 401 (Unauthorized)

2. User Authentication & Pre-Order

User Registration

- **POST** /api/auth/signup
 - **Description:** User registration for pre-order access
 - **Body:**
 - { "name": "string", "email": "string", "phone": "string" }
 - **Response:** User ID and verification email sent
 - **Status Codes:** 201 (Created), 400 (Bad Request), 409 (Email Exists)

Email Verification

- **POST** /api/auth/verify-email
 - **Description:** Confirm email address after signup
 - **Body:**
 - { "email": "string", "verificationCode": "string" }
 - **Status Codes:** 200 (Verified), 400 (Invalid Code), 404 (User Not Found)

Pre-Order Management

- **POST** /api/preorder
 - **Description:** Create new pre-order with Razorpay integration
 - **Body:**

- { "userId": "string", "productId": "string", "quantity": "number", "amount": "number" }
 - **Response:** Order ID and Razorpay payment details
 - **Status Codes:** 201 (Created), 400 (Bad Request), 401 (Unauthorized)
 - **GET** /api/preorder/:userId
 - **Description:** Retrieve specific user's pre-order details
 - **Parameters:** userId (path parameter)
 - **Response:** Pre-order information and status
 - **Status Codes:** 200 (Success), 404 (Not Found), 401 (Unauthorized)
 - **DELETE** /api/preorder/:orderId
 - **Description:** Cancel pre-order and process refund
 - **Parameters:** orderId (path parameter)
 - **Response:** Cancellation confirmation and refund status
 - **Status Codes:** 200 (Cancelled), 404 (Not Found), 400 (Cannot Cancel)
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3. Blog / Updates

Blog Posts Management

- **GET** /api/blogs
 - **Description:** Retrieve all published blog posts
 - **Query Parameters:**
 - page (optional): Page number for pagination
 - limit (optional): Number of posts per page
 - **Response:** Array of blog posts with metadata
 - **Status Codes:** 200 (Success)
- **GET** /api/blogs/:id
 - **Description:** Retrieve specific blog post
 - **Parameters:** id (blog post ID)
 - **Response:** Complete blog post content
 - **Status Codes:** 200 (Success), 404 (Not Found)
- **POST** /api/blogs
 - **Description:** Create new blog post
 - **Auth Required:** Admin
 - **Body:**
 - { "title": "string", "content": "string", "author": "string", "tags": ["string"], "featured": "boolean" }

- **Status Codes:** 201 (Created), 400 (Bad Request), 401 (Unauthorized)
- **PUT** /api/blogs/:id
 - **Description:** Edit existing blog post
 - **Auth Required:** Admin
 - **Parameters:** id (blog post ID)
 - **Body:** Updated blog post data
 - **Status Codes:** 200 (Updated), 404 (Not Found), 401 (Unauthorized)
- **DELETE** /api/blogs/:id
 - **Description:** Delete blog post
 - **Auth Required:** Admin
 - **Parameters:** id (blog post ID)
 - **Status Codes:** 200 (Deleted), 404 (Not Found), 401 (Unauthorized)

Newsletter Subscription

- **POST** /api/newsletter/subscribe
 - **Description:** Subscribe email to newsletter/updates
 - **Body:**
 - { "email": "string", "preferences": ["string"] }

- **Status Codes:** 201 (Subscribed), 400 (Invalid Email), 409 (Already Subscribed)
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4. Contact & Support

Contact Form

- **POST** /api/contact
 - **Description:** Submit contact form or support query
 - **Body:**
 - { "name": "string", "email": "string", "subject": "string", "message": "string", "category": "string" }
 - **Response:** Ticket ID and confirmation
 - **Status Codes:** 201 (Submitted), 400 (Bad Request)

FAQ Management

- **GET** /api/faq
 - **Description:** Retrieve FAQ content
 - **Response:** Array of FAQ items with questions and answers
 - **Status Codes:** 200 (Success)
- **PUT** /api/faq
 - **Description:** Update FAQ content

- **Auth Required:** Admin
 - **Body:** Updated FAQ data structure
 - **Status Codes:** 200 (Updated), 401 (Unauthorized)
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5. Admin Portal

Admin Authentication

- **POST** /api/admin/login
 - **Description:** Admin user login
 - **Body:**
 - { "username": "string", "password": "string" }
 - **Response:** Authentication token and admin profile
 - **Status Codes:** 200 (Success), 401 (Invalid Credentials)

Pre-Order Administration

- **GET** /api/admin/preorders
 - **Description:** View all pre-order data
 - **Auth Required:** Admin
 - **Query Parameters:**
 - status (optional): Filter by order status
 - page (optional): Pagination

- limit (optional): Results per page
 - **Response:** Paginated pre-order list with user details
 - **Status Codes:** 200 (Success), 401 (Unauthorized)
- **PUT** /api/admin/preorders/:id
 - **Description:** Edit pre-order details
 - **Auth Required:** Admin
 - **Parameters:** id (pre-order ID)
 - **Body:** Updated order information (status, refund status, etc.)
 - **Status Codes:** 200 (Updated), 404 (Not Found), 401 (Unauthorized)
- **GET** /api/admin/preorders/export
 - **Description:** Export pre-order data
 - **Auth Required:** Admin
 - **Query Parameters:**
 - format: csv | excel
 - dateFrom (optional): Start date filter
 - dateTo (optional): End date filter
 - **Response:** File download (CSV/Excel format)
 - **Status Codes:** 200 (Success), 401 (Unauthorized)

6. System Monitoring & Metrics

Analytics & Metrics

- **GET** /api/system/metrics
 - **Description:** Retrieve system analytics
 - **Auth Required:** Admin
 - **Response:**
 - { "conversionRate": "number", "bounceRate": "number", "averageTimeOnSite": "number", "totalVisitors": "number", "preorderConversions": "number" }
 - **Status Codes:** 200 (Success), 401 (Unauthorized)

System Health

- **GET** /api/system/health
 - **Description:** Server health check endpoint
 - **Response:**
 - { "status": "healthy|degraded|down", "uptime": "number", "database": "connected|disconnected", "services": { "payment": "operational|error", "email": "operational|error" } }
 - **Status Codes:** 200 (Healthy), 503 (Service Unavailable)

Error Response Format

All error responses follow this structure:

```
{  
  "error": {  
    "code": "ERROR_CODE",  
    "message": "Human readable error message",  
    "details": "Additional error details (optional)"  
  }  
}
```

Rate Limiting

- Public endpoints: 100 requests per minute per IP
- Authenticated endpoints: 1000 requests per minute per user
- Admin endpoints: 10000 requests per minute

Versioning

Current API version: v1 Version is included in the base URL:
/api/v1/...