

## **Product Upload API Documentation**

### Overview

This document outlines the required fields and payload structures for uploading products across different categories. All uploads use multipart/form-data format.

### **I. REQUIRED FIELDS (Common to All Categories)**

Every product upload must include these mandatory fields:

- **file**
  - **Type:** File
  - **Validation:** Required
  - **Notes:** Main product file (PDF, ZIP, MP4, etc.)
- **images**
  - **Type:** File
  - **Validation:** Required (at least 1 image)
  - **Notes:** Up to 5 preview images
- **title**
  - **Type:** String
  - **Validation:** 5-100 characters
  - **Notes:** Product title
- **price**
  - **Type:** Number
  - **Validation:** 0-99999
  - **Notes:** Product price
- **productType**
  - **Type:** String
  - **Validation:** Required, must be one of the predefined types (e.g., "Ebooks & Texts", "Graphic Assets").
  - **Notes:** The main category of the product.
- **category**
  - **Type:** String
  - **Validation:** Required, must be one of the valid categories for the selected productType.
  - **Notes:** A sub-category within the productType.
- **subcategory**
  - **Type:** String
  - **Validation:** Required, must match selected category and productType.
  - **Notes:** A more specific classification within the category.
- **description**
  - **Type:** String
  - **Validation:** Required

- **Notes:** Product description
- **fileSizeMB**
  - **Type:** Number
  - **Validation:** Required, 0-500 MB.
  - **Notes:** The size of the main product file in megabytes.
- **publisherName**
  - **Type:** String
  - **Validation:** Required for all product types.
  - **Notes:** The name of the publisher.

## II. OPTIONAL COMMON FIELDS

These fields can be included for any product type, but are not strictly mandatory unless specified by productType-specific rules:

- **downloadLimit**
  - **Type:** Number
  - **Validation:** 1-5
  - **Notes:** Maximum downloads allowed. Default is 5.
- **visibility**
  - **Type:** Enum (String)
  - **Validation:** Required, Options: "Visible", "Invisible", "Unlisted". Default is "Visible".
  - **Notes:** Controls the product's visibility.
- **tags**
  - **Type:** Array of Strings / String
  - **Validation:** Max 7 tags, must be unique.
  - **Notes:** Keywords to describe the product. Can be array or comma-separated string.
- **language**
  - **Type:** String
  - **Validation:** Optional.
  - **Notes:** The primary language of the product. Default is "English".
- **fileType**
  - **Type:** String
  - **Validation:** Optional.
  - **Notes:** The file extension of the main product file (e.g., "pdf", "zip", "mp4").

## III. PRODUCT TYPE SPECIFIC REQUIREMENTS

Some product types have additional required or optional fields:

### **1. Ebooks & Texts**

- \* Use Case: Digital books, educational materials, written content
- \* Additional Required Fields:
- \* authorName (String): The name of the author. Max 60 characters.
- \* pageCount (Number): The total number of pages in the ebook/text. Min 1, Max 1000.
- \* Optional Fields:
- \* publishDate (String): Publication date (YYYY-MM-DD format).

### **2. Graphic Assets**

- \* Use Case: Templates, icons, illustrations, UI kits, design resources
- \* Additional Required Fields: None.
- \* Optional Fields: None.

### **3. Software & Code**

- \* Use Case: Applications, code templates, plugins, scripts
- \* Additional Required Fields: None.
- \* Optional Fields:
- \* compatibility (Array of Strings / String): Supported platforms (e.g., "Windows", "Linux", "MacOS"). Max 10 entries.
- \* version (String): Software version. Max 20 characters.
- \* license (String): License type (e.g., "MIT", "GPL", "Commercial").

### **4. Music / Video - Entertainment**

- \* Use Case: Video content, animations, audio files, music tracks
- \* Additional Required Fields: None.
- \* Automatic Processing: duration and resolution are automatically extracted by middleware.
- \* Optional Fields:
- \* duration (Number): The length of the audio/video in seconds.
- \* resolution (String): The resolution of the video (e.g., "720p", "1080p", "4K").

### **5. Documents & Templates**

- \* Use Case: Business forms, resumes, invoices, presentations, contracts
- \* Additional Required Fields: None.
- \* Optional Fields: None.

### **6. Courses & Learning**

- \* Use Case: Online courses, tutorials, workshops, educational content
- \* Additional Required Fields: None.
- \* Automatic Processing: For video courses, duration and resolution are automatically extracted by middleware.
- \* Optional Fields:

- \* duration (Number): The length of the course content in seconds (if video).
- \* resolution (String): The resolution of the course video (e.g., "720p", "1080p", "4K").

## 7. All Digital Products (General)

- \* Use Case: Catch-all for truly unclassifiable digital products.
- \* Additional Required Fields: None.
- \* Optional Fields: None.

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## Postman API Testing Payloads (form-data)

These payloads include all required fields and relevant optional fields for each product type. Remember to replace (select file) and (select multiple image files) with actual file selections in Postman. The publisherName field is now included in all payloads.

### 1. Ebooks & Texts

title: "The Great Novel"  
price: 19.99  
downloadLimit: 5  
visibility: "Visible"  
productType: "Ebooks & Texts"  
category: "Literature & Fiction"  
subcategory: "Contemporary Fiction"  
tags: ["fiction", "novel", "bestseller"]  
description: "A captivating contemporary fiction novel."  
authorName: "Jane Doe"  
publisherName: "fictus.ai"  
pageCount: 350  
publishDate: "2024-01-15"  
language: "English"  
fileSizeMB: 2.5  
fileType: "pdf"  
file: (select file)  
images: (select multiple image files)

### 2. Graphic Assets

title: "Modern UI Kit"  
price: 49.00  
downloadLimit: 5  
visibility: "Visible"  
productType: "Graphic Assets"

category: "UI/UX Design"  
subcategory: "Templates"  
tags: ["ui", "kit", "design", "figma"]  
description: "A comprehensive UI kit for modern web applications."  
publisherName: " fictus.ai"  
language: "English"  
fileSizeMB: 120.7  
fileType: "zip"  
publishDate: "2024-02-20"  
file: (select file)  
images: (select multiple image files)

### 3. Software & Code

title: "React Admin Dashboard"  
price: 129.99  
downloadLimit: 5  
visibility: "Visible"  
productType: "Software & Code"  
category: "Web Development"  
subcategory: "Themes"  
tags: ["react", "admin", "dashboard", "frontend"]  
description: "A highly customizable React admin dashboard template."  
publisherName: " fictus.ai"  
language: "English"  
fileSizeMB: 50.1  
fileType: "zip"  
publishDate: "2024-03-01"  
compatibility: ["React v18", "Node.js 16+", "npm"]  
version: "1.0.0"  
license: "MIT"  
file: (select file)  
images: (select multiple image files)

### 4. Music / Video - Entertainment

title: "Cinematic Intro Music"  
price: 25.00  
downloadLimit: 5  
visibility: "Visible"  
productType: "Music / Video - Entertainment"  
category: "Music Production"  
subcategory: "Instrumentals"

tags: ["music", "intro", "cinematic", "royalty-free"]  
description: "An epic and uplifting cinematic music track for intros."  
publisherName: "fictus.ai"  
language: "English"  
fileSizeMB: 15.3  
fileType: "mp3"  
publishDate: "2024-04-10"  
duration: 120  
resolution: ""  
file: (select file)  
images: (select multiple image files)

## 5. Documents & Templates

title: "Professional Business Proposal Template"  
price: 9.99  
downloadLimit: 5  
visibility: "Visible"  
productType: "Documents & Templates"  
category: "Business Documents"  
subcategory: "Proposals"  
tags: ["template", "business", "proposal", "doc"]  
description: "A clean and professional template for business proposals."  
publisherName: "fictus.ai"  
language: "English"  
fileSizeMB: 1.2  
fileType: "docx"  
publishDate: "2024-05-01"  
file: (select file)  
images: (select multiple image files)

## 6. Courses & Learning

title: "Beginner's Guide to Digital Painting"  
price: 79.00  
downloadLimit: 5  
visibility: "Visible"  
productType: "Courses & Learning"  
category: "Creative Arts"  
subcategory: "Drawing & Painting"  
tags: ["digital art", "course", "painting", "tutorial"]  
description: "A comprehensive course for beginners to learn digital painting."  
publisherName: "fictus.ai"

language: "English"  
fileSizeMB: 500  
fileType: "zip"  
publishDate: "2024-06-01"  
file: (select file)  
images: (select multiple image files)

## 7. All Digital Products (General)

title: "Mixed Media Asset Bundle"  
price: 35.00  
downloadLimit: 5  
visibility: "Visible"  
productType: "All Digital Products"  
category: "Miscellaneous Assets"  
subcategory: "Mixed Media Bundles"  
tags: ["assets", "bundle", "digital", "various"]  
description: "A collection of various digital assets, including sound bites and small code snippets."  
publisherName: "fictus.ai"  
language: "English"  
fileSizeMB: 80.5  
fileType: "zip"  
publishDate: "2024-07-01"  
file: (select file)  
images: (select multiple image files)