

One APIMarketplace Technical Specifications

DigitalAPICraft's One APIMarketplace helps businesses to quickly set up a enterprise-grade developer portal for managing their API ecosystem. This comprehensive product can be used to cater to all desired audiences like partners, business teams, and public developers. With most of the features built-in and ready to go, this platform helps you go live in weeks. Read on to understand One APIMarketplace's features, specification and more about this user-friendly, hyper-customizable and cloud agnostic product.

Technical Specifications

On-boarding Workflows

Features

- On boarding of
 - Company
 - Developer
 - FinTechs
 - Vendors
 - Partners
- Approval based onboarding

Workflows

- User registration
- Reviewer or Site admin can approve the registered user
- Registered user will be assigned developer role or organization role
- Site admin can assign different roles for user like developer, Fintech etc
- Mail will be sent to user on registration and on activation of the account
- Apigee company account will be created
- Access to sandbox environment and Sandbox APIs
- Company user profile:
 - User fills the below details to create account :
 - First Name
 - Last Name
 - Username
 - Email Address
 - Company name
 - Phone
 - Company website
 - I am registering as
 - Password
 - User selects Organization in the select box field "I am registering as" while registering the account
 - User has the following following links in dashboard :
 - Manage team
 - My invoices
 - My subscription
 - My ticket
 - Balance

<p>Developer Subscriptions & App Management</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Purchasing of the API ▪ Dashboard for app management and app keys <p>Workflows</p> <ul style="list-style-type: none"> ▪ Listing of the Apigee API packages using commerce products ▪ Each product variation can be optionally linked Apigee rate plan ▪ Commerce add to cart and checkout process for purchasing API ▪ Purchased API product will be subscribed to company app ▪ User can see the app keys in the APP or API page
<p>Developer Analytics & Usage Tracking</p>	<p>Workflows</p> <ul style="list-style-type: none"> ▪ API, App analytics, developer and app reports
<p>Developer Dashboards & My Subscriptions</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Dashboard to manage subscriptions <p>Workflows</p> <ul style="list-style-type: none"> ▪ List of subscribed products ▪ User can see the app keys in the APP or API page
<p>Developer Keys Management</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Developer to manage keys for environments like production, Sandbox, Dev, Stage etc <p>Workflows</p> <ul style="list-style-type: none"> ▪ User can see the app keys in the APP or API page ▪ Sandbox dashboard to manage sandbox keys
<p>Company Feature</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Company Onboarding <ul style="list-style-type: none"> ○ Company Developer Onboarding ○ Company App Onboarding ○ Company Developer Invitations ○ RBAC for Company Developers
<p>API as a Product – Catalogue</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Pre-built Accounts APIs for Open Banking and PSD2 ▪ Pre-built Payments APIs for Open Banking and PSD2 ▪ Pre-built Funds APIs for Open Banking and PSD2 ▪ Pre-built Open Data APIs or Open Banking and PSD2 ▪ Displaying versions of API <p>Workflows</p> <ul style="list-style-type: none"> ▪ Listing of the Apigee API packages using commerce products ▪ Categorizing the product based on taxonomy term ▪ Swagger and Redoc API documentation for trying out API (Accounts, Funds, etc) ▪ In the API product editor can select versioned API product

<p>Developer App Code Submission, POC Reviews and Workflows</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Developer can apply for test environment ▪ Developer can submit the POC for reviews ▪ Developer to submit code for reviews ▪ Approval process for POC and code reviews <p>Workflows</p> <ul style="list-style-type: none"> ▪ Different content types for POC and code reviews ▪ Content workflow for reviews
<p>Support Ticket System</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Creation of ticket based on API subscription ▪ Comments or Feedback on the ticket ▪ Email and slack notifications <p>Workflows</p> <ul style="list-style-type: none"> ▪ Creation of content type for support ticket ▪ Workflow for the ticketing system ▪ Comments for feedback or interaction ▪ Dashboard for viewing the tickets. Ordering the ticket based on priority ▪ Support team will be informed about the ticket by email and slack ▪ User will get mail on creation of ticket ▪ On adding feedback or comments user and support team will be informed by mail and slack
<p>Contact Us</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Effectively captures contact enquiries through context-based forms. ▪ Slack and Email Integration - Response/notification is received for every form submission. ▪ Management of the contact form ▪ Different contact form type <ul style="list-style-type: none"> ○ Feature Request ○ Bug Report ○ General Enquiry ○ Sales Enquiry <p>Workflows</p> <ul style="list-style-type: none"> ▪ Configurable contact form fields and recipient email ids ▪ Configuration of required form fields, validation and form field help text ▪ Notification by slack and email. Slack messages will be sent to different slack channel based on contact form type <p>Out-of-Scope</p> <ul style="list-style-type: none"> ▪ The SMTP server Configuration
<p>Administration Dashboard</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ POC Reviews ▪ Team dashboard ▪ Code Reviews ▪ Bank/Fintech Registration Approval ▪ App/API Product Subscription

<p>Administration Dashboard</p>	<ul style="list-style-type: none"> ▪ Forum and Blog dashboard ▪ Orders and Commerce Reports dashboard ▪ Product dashboard ▪ Manage Apps dashboard <p>Workflows</p> <ul style="list-style-type: none"> ▪ Dashboards for POC reviews, blogs, forum, orders, etc ▪ Registration approval <ul style="list-style-type: none"> ○ Enabling/activating the user ○ Assigning the user to different role ▪ Product Subscription <ul style="list-style-type: none"> ○ User purchases the API product ○ App will be created in Apigee edge and synced with developer portal ○ List of subscribed API ▪ Orders and Commerce Reports <ul style="list-style-type: none"> ○ Filtering the order weekly, monthly or yearly ○ Filtering on order status ▪ Forum and Blog dashboard <ul style="list-style-type: none"> ○ Review of forum/blog added by users ○ Changing state for blog/forum for review ○ After approval publishing the forum/blog ▪ Product dashboard: <ul style="list-style-type: none"> ○ CRUD (Create, Read, Update, Delete) operations for creating products ○ Different product types for creating API products ▪ Manage Apps dashboard <ul style="list-style-type: none"> ○ Form to select multiple API products ○ Based on selected API product different user/organization information will be collected ○ App will be approved by site admin ○ API keys can be added manually or by upload json file
<p>API Documentation + Try Out Console</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Pre-built Open API specifications for Open Banking and PSD2Pre-built Open API specifications for Open Banking and PSD2 <p>Workflows</p> <ul style="list-style-type: none"> ▪ Redoc and Swagger Integration
<p>Developer Sandbox</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Pre-built Open API specifications for Open Banking and PSD2Pre-built Open API specifications for Open Banking and PSD2

<p>Developer Sandbox</p>	<p>Workflows</p> <ul style="list-style-type: none"> ▪ Developer Sandbox on MySQL Data model for OBIE 3.1.2 and PSD2 ▪ Environment to test an app; access to the sandbox is only with API key and secret <p>Out-of-Scope</p> <ul style="list-style-type: none"> ▪ Sandbox environment support for API other than Open Banking and PSD2 Pre-built Open API
<p>Multi-tenancy</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Onboard multiple Tenants (Business Units) ▪ Each Tenant has its own space ▪ Each Tenant space is restricted using RBAC ▪ Each Tenant gets same set of features ▪ Multiple user hierarchy for BU space management ▪ Tenant Administration and Management ▪ Onboard multiple Tenants (Business Units) ▪ Each Tenant has its own space ▪ Each Tenant space is restricted using RBAC ▪ Each Tenant gets same set of features ▪ Multiple user hierarchy for BU space management ▪ Tenant Administration and Management <p>Workflows</p> <ul style="list-style-type: none"> ▪ API docs, Wiki and SDK are some of the assets ▪ Groups to control different assets by members and user collections ▪ Role based user or collections like moderators, contributors, support team and reviewers ▪ Workflow for publishing of the asset and content ▪ Manage team to share the subscription
<p>Unauthenticated User Flows</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Home Page ▪ About Us ▪ Site Map ▪ Terms & Conditions ▪ Getting Started Guides ▪ Privacy Policy ▪ Public API Catalogue ▪ Generic Documentation ▪ API Usage Guidelines ▪ Public API Documentation <p>Workflows</p> <ul style="list-style-type: none"> ▪ Editors can add/edit different pages ▪ Formatting or Styling the content with different html tags using ckeditor <p>Out-of-Scope</p> <ul style="list-style-type: none"> ▪ Configuration of page layout

<p style="text-align: center;">Apigee Monetization Integration</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Developer API Package ▪ Rate Plans ▪ Track Balances ▪ Trigger Events (Email, Block Renew) ▪ End-to-End Developer Experience ▪ Consume, Track, View, Analyze, Monetized APIs ▪ Business Reporting ▪ API Catalogue Management ▪ Billing Management for Prepaid and Post-paid <p>Workflows</p> <ul style="list-style-type: none"> ▪ Listing of the Apigee API packages using commerce products ▪ Each product variation is linked to Apigee rate plan ▪ In product variation currency can be selected ▪ Commerce add to cart and checkout process for purchasing API ▪ Purchased API product will be subscribed to company app ▪ User can see the app keys in the APP or API page ▪ Amount will added to Apigee monetization ▪ User Balance is synched with Apigee monetization and marketplace user balance account ▪ Email notification : <ul style="list-style-type: none"> ○ Admin and user will get email notification for subscribing to api product usage plan ○ Admin and user will get email notification with order number ▪ Swagger and ReDoc for API documentation ▪ Business can see weekly, monthly etc commerce sales and chart report ▪ Business can filter the order states by ordered, completed or cancelled ▪ API product are categorized by taxonomy term ▪ User can subscribe to different prepaid usage plan
<p style="text-align: center;">App Monetization Integration</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ APP Subscription linked to Apigee Monetization Rate Plans <p>Workflows</p> <ul style="list-style-type: none"> ▪ APP Monetization with full commerce module integration
<p style="text-align: center;">App Monetization & Commercialization</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Order Management ▪ Cart Management ▪ Price Management ▪ APP Product Management ▪ Store Management ▪ Commerce Product Variations ▪ SDK Management and Configurations ▪ Publish/unpublish feature ▪ Product Documentation ▪ Currency Configurations

<p>App Monetization & Commercialization</p>	<p>Workflows</p> <ul style="list-style-type: none"> ▪ Listing of the Apps using commerce products ▪ Each App product variation is linked to Apigee rate plan ▪ In product variation currency can be selected ▪ Commerce add to cart and checkout process for purchasing App ▪ Purchased App product will be subscribed to company app ▪ User can see the app keys in the APP page ▪ Email notification : <ul style="list-style-type: none"> ○ Admin and user will get email notification for subscribing to API product usage plan ○ Admin and user will get email notification with order number ▪ Swagger and ReDoc for API documentation ▪ Business can see weekly, monthly etc commerce sales and chart report ▪ Business can filter the order states by ordered, completed or cancelled ▪ API product are categorized by taxonomy term ▪ Orders and Commerce Reports <ul style="list-style-type: none"> ○ Filtering the order weekly, monthly, yearly ○ Filtering on order status ▪ SDK can be uploaded to the app product and can be downloaded by subscribed users
<p>CRM Features</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Support system integration with key features ▪ Tickets Lifecycle management ▪ Email Notifications for Ticket States ▪ Ticket Creation Templating ▪ Chat Integration with Slack ▪ Invoice and Receipts <p>Workflows</p> <ul style="list-style-type: none"> ▪ Creation of content type for support ticket ▪ Workflow for the ticketing system ▪ Comments for feedback or interaction ▪ Dashboard for viewing the tickets. Ordering the ticket based on priority ▪ Support team will be informed about the ticket by email and slack ▪ User will get mail on creation of ticket ▪ On adding feedback or comments user and support team will be informed by mail and slack ▪ Chat support using third party library ▪ Downloadable pdf format of invoice
<p>Payment Gateway</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Integrations with PayPal, Stripe and WorldPay <p>Workflows</p> <ul style="list-style-type: none"> ▪ Commerce payment module integration ▪ Sandbox account integration for testing

<p>Commerce Reporting</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Time based reports on Orders ▪ Customer based reports on Orders ▪ Income based reports by customer/orders ▪ Report Filtering ▪ Commerce licensing + Billing ▪ Subscriptions ▪ Graphs/charts ▪ Tabular Reports <p>Workflows</p> <ul style="list-style-type: none"> ▪ Orders and Commerce Reports <ul style="list-style-type: none"> ○ Filtering the order weekly, monthly, yearly ○ Filtering on order status ▪ Views are created to show the reports ▪ Chart library integrated for graphs/charts
<p>Legal and Taxes Module</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Legal and Taxes Module ▪ General Terms and conditions ▪ EULA ▪ Role-based Terms & Conditions ▪ Terms and conditions revisions ▪ Accepted users list ▪ Automated prompt for accepting updated terms and conditions <p>Workflows</p> <ul style="list-style-type: none"> ▪ Editable content for terms and conditions ▪ Terms and conditions are shown during the purchase of API product and user registration ▪ Different roles are created to change terms and conditions
<p>RBAC</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Assets ▪ Groups ▪ Teams ▪ API Documentation ▪ Wiki ▪ Support Teams ▪ Administrators ▪ Moderators ▪ Fintech users ▪ Bank users ▪ Reviewers <p>Workflows</p> <ul style="list-style-type: none"> ▪ API docs, Wiki and SDK are some of the assets ▪ Groups to control different assets by members and user collections

<p>RBAC</p>	<ul style="list-style-type: none"> ▪ Role based user or collections like moderators, contributors, support team and reviewers ▪ Workflow for publishing of the asset and content ▪ Manage team to share the subscription
<p>SEO</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Manage SEO related meta information ▪ In product pages SEO information like keywords, description, page title etc are editable <p>Workflows</p> <ul style="list-style-type: none"> ▪ Meta tag Module integration ▪ Content type or Product type are configured with meta tag fields with dynamic tokens
<p>SSO</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Integration with external IAMs ▪ ADFS ▪ OKTA ▪ SiteMinder <p>Workflows</p> <ul style="list-style-type: none"> ▪ SSO module integration
<p>Content and Template Management</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Site content and config definitions ▪ Template creation for Emails, Product ▪ Cataloguing <p>Workflows</p> <ul style="list-style-type: none"> ▪ Editors can add/edit different pages ▪ Formatting or Styling the content with different html tags using ckeditor ▪ Configurable template for subject and body ▪ Categorizing the content based on taxonomy term
<p>Common Features for Content Management</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Blogs ▪ Forums ▪ FAQs ▪ HTML Email Templates ▪ Editable Email Templating ▪ Configurable blocks for each ▪ Contact Us ▪ Custom Content Types ▪ Taxonomy ▪ Views ▪ Blocks ▪ Fields ▪ Field Displays

<p>Common Features for Content Management</p>	<ul style="list-style-type: none"> ▪ Files ▪ Clean URLs <p>Workflows</p> <ul style="list-style-type: none"> ▪ Drupal CMS modules integration and configuration
<p>Scalability</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Horizontally scalable ▪ Multi datacenter installation ▪ HA installation architecture
<p>Solr Search</p>	<p>Features</p> <ul style="list-style-type: none"> ▪ Solr search for quick results <p>Workflows</p> <ul style="list-style-type: none"> ▪ Solr search module integration ▪ Indexed views for filter and search pages