STEP 1: Create or Build Architecture or Infrastructure or Structure or Framework to include the followings:

API AS A PRODUCT, CONNECTOR, INTEGRATOR, MANAGER/MANAGEMENT.

TIER(S) ARCHITECTURE INCLUDING:

CLIENT TIER – CLIENT API INTERFACE

WEB TIER – WEBSERVER –REST API

BUSINESS LOGIC TIER –APPLICATION SERVER – API BACKEND

DATABASE TIER –DATABASE

SERVER

STEP 2: Review or Check or Evaluate or Determine or Select Applications or Tools or Software from Free Software or Open Source or Software for Public Interest and the related Foundations or Organizations or …

STEP 3: Integrate or connect Step 2 (applications or tools or software) WITH/TO Step 1 (Architecture or structure or …)

THE APPLICATIONS OR TOOLS OR SOFTWARE ARE:

WebCrawler: For web-based collection of data with GUI that can help user identify various actions such as specifying the start URL, Maximum URLs to be crawled, the way the crawling has to be done – breadth first or depth first.

API(s) creator: to create API(s) and route or dispatch the API(s).

API Content Creator to create pdf, words, eBook or book or digital products, advertising and marketing materials through/via auto-posting through or via online outlets or channels or activities nodes.

API(s) connector: to connect API(s)

API(s) integrator: to integrate API(s)

API(s) manager or management: to manage API(s)

CREATION OF CUSTOM APIS SERVER WITH MULTIPLE END POINTS AND MULTIPLE CLIENTS: Shall reflect or be based on the type of data and database used.

CREATION OR BUILDING A CUSTOM DATABASE: DATABASE shall be SQL and NOSQL that can process XML natively.

STORAGE : Shall be Structure, Semi-Structure and Un-Structured Data TYPE.

PAYMENT GATEWAY OR METHOD CHECK-OUT CART.

**STEP 4: Integrate or Connect or Configure APIs as Follows:**   
Business Partners APIs include the affiliate programs. For examples Click Bank, Warrior Plus, JVzoo etc.SEE DETAIL G  
Business Partners APIs include the Re-seller programs. For examples Microsoft, Host-gator, etc.SEE DETAIL G   
Public APIs for advertising and marketing including the social media Twitter, WordPress etc.  
Integrate or connect Catalog of APIs (14000 to 15000 APIs)

NOTE: Integration or Connection and the related shall enable Auto-blogging, Auto-extraction, Auto-posting, Auto-retrieval

DETAILS FOR CONDITIONS BELOW: SEE DETAIL #1

 Application Environment with the Internet/Web: SEE DETAIL #1

Online or Internet or Web-Interface: SEE DETAIL #1

Integration and/or Connection of APIs: SEE DETAIL #1

Others where Data varies from Structured, Semi-Structured or Un-Structured data shall be as below or similar or approved equal: SEE DETAIL #1

STEP 5 -CREATE OR INSTALL OR INSERT: Front-End: User-Role, Use Case, Tasks or Activities APIs, Access –Features:

Research or search all over the web API

Search or sort Affiliate programs API

Search or sort re-seller programs API

Search or sort or filter news, information, current affairs or events API

Search or sort Affiliate products API

Search or sort re-seller products API

Free products download API

Premium products downloads API

Filters to sort by Product, Price, Affiliate Program, Affiliate Product, Reseller Program, Reseller Product, News, Information, Current Affairs or Events API

Products payment method or payment gateway check-out cart API

APIs catalog or repository

STEP 6- CREATE OR INSTALL OR INSERT: Back-End: Management/Administration Role, Tasks or Activities and Access – Features:

Research or search all over the web API

Search or sort Affiliate programs API

Search or sort re-seller programs API

Search or sort or filter news, information, current affairs or events API

Search or sort Affiliate products API

All items Tracking API

Search or sort re-seller products API

Products or Content Creator API to create pdf, words, eBook or book or digital products, advertising and marketing materials through/via auto-posting through or via online outlets or channels or activities nodes.

System program administration/management API

Free products download API

Email Marketing-Auto-Responding or Auto-Responder API

Premium products downloads API

Products payment method – cart API

Advertising/marketing API

Advertisement/marketing tracking API (to know which advertisement works and which Advertisement does not work)

APIs catalog or repository

API Creator API

API Integrator API

API Connector API

API Manager API

Change, revise, modify API

Filters to sort by Product, Price, Affiliate Program, Affiliate Product, Reseller Program, Reseller Product, News, Information, Current Affairs or Events API

DETAILS DESCRIPTIONS AND GRAPHICS FOR CONDITIONS ABOVE ARE: DETAIL NUMBER 1.

The side or view or interface or facing online or web or internet, the first layer, creates a description of application interfaces using XML.

The second layer shall be underlying software to move or migrate data or content to and from internet or web and the production application environment.

Then the third or final layer is the production application environment.

we need structure(s) and frame work(s) to move or migrate data or content from the web or internet to the application(s) environment and vice versa or structure or frame work to move or migrate data or content to and from the web or internet and the application environment including:

To and from business partners APIs such as affiliates and resellers.

To and from public APIs such as Twitter, WordPress and social media.

To and from this system - custom web application created APIs. Thus we need APIs creator, integrator, and connector.

Typical example or sample of the integration or connection between the internet or web and the product application environment is below.

THE WEB OR INTERNET OR ONLINE INTEGRATION/INTEGRATOR OR CONNECTION/CONNECTOR TYPICAL EXAMPLE OR SAMPLE.

INTERNET OR ONLINE OR WEB OR INTERFACE

FIRST LAYER: CREATE A DESCRIPTION OF APPLICATION INTERFACES USING XML

SECOND LAYER: UNDERLYING SOFTWARE FOR MOVING OR MIGRATING DATA OR CONTENT TO AND FRO.

THIRD OR FINAL LAYER IS THE PRODUCTION APPLICATION ENVIRONMENT.

APPLICATION ENVIRONMENT:

Inter-operability or work-ability of various parts or components including but not limited to the APIs, Various data Types (Structured, Semi-Structured and Un-Structured), automation or scripting is extremely important or essential. Thus the management of the integration strategy is required or necessary.

Tech-Stack shall be based on Performance, the rate of a Non-tech person's progress in gaining experience or new skills and inter-operability or work-ability with other parts or components. A learning curve that can scale or vary from **Steep Learning Curve to** shallow **learning curve and vice versa or moderate is better.**

AUTHENTICATION:

Free products download API: sign-up or registration with contact information (with at least email address and password) and the related security, protection, privacy authentication.

Premium products download API: Sign-up, registration, personal financial information, protection, privacy and security –the highest form of authentication.

Products payment method or payment processing –cart or check-out API: Sign-up, registration, personal financial information, protection, privacy and security –the highest form of authentication.

NOTES: APIs catalog or repository API –interchangeable or flexibility or changeable from APIs catalog or repository API to active or current Business TASKS APIs.

The monetization of the 14000 to 15000 catalog/repository APIs shall be based on the use case - all commercial or business use shall be paid for or premium or price-based. The personal use case monetization or pricing is curvilinear. The user activities or tasks or use are user triggered or initiated – such as or like the tweet (and NOT the twitter).