**System Deployment Document**

**Dennis Chirchir**

**Version**

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| **Developer Name** | **Date** | **Version** |
| Dennis Chirchir | 17/05/2023 | 1.0 |

**System Deployment Plan**

Requirements:

1. KAYA API Webservice package.

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| Activity | Steps |
| KAYA API Application Package | 1. Copy deployment package from the git and publish it to the local machine. 2. Create an application node on IIS and give it a name of your choice. Remember to set the default web page to webservice.asmx as per the extension of the file. 3. Start the node and ensure the API is up and running. Make sure you have the right certificate for the node as well. 4. Start Services |
| KAYADB Database | Set up the KAYADB database and import the tables.  Currently to connection is to the local database and this can be modified accordingly based on the IP of the DB server.    User below queries to create the tables;  **Create the tables customers, payments, and Limits with below queries.**  create table payments (payid AUTO INCREMENT PRIMARY KEY, custcode char(30),paymentAmt int, token char(50),createdTime date);  create table limits (maximum int, minimum int);  CREATE TABLE [dbo].[customers](  [firstname] [char](20) NULL,  [lastname] [char](20) NULL,  [custcode] [char](20) NULL,  [email] [char](50) NULL,  [phoneno] [char](20) NULL  ) |
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| KAYA API services information | 1. Inquire Customer. – Validates the customer information 2. PostPaymentTransaction – Generates tokens for a successful posting. |
| Admin Portal | The is the administrative portal that allows authorized users to manage customers, view payments and adjust limits.  Follow below steps to deploy the application.   1. Copy deployment package from the git and publish it to the local machine. 2. Create an application node on IIS and give it a name of your choice. 3. Start the node and ensure the API is up and running. Make sure you have the right certificate for the node as well. 4. Start Services |