**NYIKES RECORDS MANAGEMENT SYSTEM**

**Key features:**

1. Enable admin to:
2. add or edit a contribution record for one or many members at a time
3. generate reports for:
   1. contributions made for each campaign
   2. contributions made per month, quarter or year
   3. contributions made into each fund held by the welfare
   4. expenditures occurring against each campaign, fund and holding account
4. add a member to the register of members
5. Enable members to view reports of their individual contributions

**Components**:

The Nyikes RMS has 3 components:

1. Database server – stores the data
2. REST API server – intermediary between the user app and the database.
3. User (Frontend) GUI application – users interact with it to view and manipulate records

**1. Database**

In order to realize the above features, there needs to be a database to hold the data and facilitate the held data to be queried for extraction of desired data / information.

As such, the database will need to be quided by the following constraints:

* A member can make one or many contributions towards a particular campaign.
* A member can make a contribution that is to be shared with another rmember i.e. a member contributing KES 1,000 of which KES 600 is to be credited to them and KES 400 is to be credited to another member.
* A member can be a signatory to one or more Nyikes Holding Accounts where a holding account is defined to mean that account in which Nyikes funds are held e.g a bank account
* One Nyikes Holding Account can hold money for one or more funds e.g. a KCB account holds the money for the Benevolent fund as well as the Investment fund.
* A member’s monthly welfare contribution is to be automatically split and monies allocated to the various funds when the welfare contribution is recorded. E.g. when a class A member remits a monthly contribution of KES 1000 the database will automatically create records in each fund i.e. Emergency fund: KES 100, Benevolent fund KES 200, Investment fund KES 600, AdministrativeCosts fund 100 as per the policy for allocation