**Data Dictionary**

**next\_of\_kin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| Next\_Of\_Kin\_ID\_Num *(Primary)* | varchar(15) | No |  |  |
| First\_Name | varchar(30) | No |  |  |
| Middle\_Name | varchar(30) | No |  |  |
| Last\_Name | varchar(30) | No |  |  |
| Date\_Of\_Birth | date | No |  |  |
| Age | int(11) | No |  |  |
| Sex | varchar(10) | No |  |  |
| Cellphone | varchar(50) | No |  |  |
| isDeleted | tinyint(1) | No | 0 | To cater for logical delete of an entry |

**Indexes**

C:\Users\MIA\Documents\Patient Records\Print view - phpMyAdmin 4.7.9_files\dot.gifNo index defined!

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | Next\_Of\_Kin\_ID\_Num | 3 | A | No |  |

**patient**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| First\_Name | varchar(50) | No |  |  |
| Middle\_Name | varchar(50) | Yes | *NULL* |  |
| Last\_Name | varchar(50) | No |  |  |
| Date\_Of\_Birth | date | No |  |  |
| Sex | varchar(10) | No |  |  |
| County | varchar(50) | No |  |  |
| Subcounty | varchar(50) | No |  |  |
| Ward | varchar(50) | No |  |  |
| Village | varchar(50) | No |  |  |
| Cellphone | varchar(50) | No |  |  |
| Email\_Address | varchar(50) | Yes | *NULL* |  |
| Alt\_Cellphone | varchar(50) | Yes | *NULL* |  |
| Enroll\_Number *(Primary)* | varchar(30) | No |  | Made to be the primary key |
| Enroll\_Date | date | No |  |  |
| isDeleted | tinyint(1) | No | 0 | To cater for logical delete of an entry |

**Indexes**

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| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | Enroll\_Number | 3 | A | No |  |
| Enroll\_Number | BTREE | Yes | No | Enroll\_Number | 3 | A | No |  |

**patient\_next\_of\_kin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column** | **Type** | **Null** | **Default** | **Comments** |
| Next\_Of\_Kin\_ID *(Primary)* | int(11) | No |  |  |
| Patient\_Enroll\_Num *(Primary)* | varchar(30) | No |  |  |
| isDeleted | tinyint(1) | No | 0 | To cater for logical delete of an entry |

**Indexes**

C:\Users\MIA\Documents\Patient Records\Print view - phpMyAdmin 4.7.9_files\dot.gifNo index defined!

| **Keyname** | **Type** | **Unique** | **Packed** | **Column** | **Cardinality** | **Collation** | **Null** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRIMARY | BTREE | Yes | No | Next\_Of\_Kin\_ID |  | A | No |  |
| Patient\_Enroll\_Num | 3 | A | No |

[Open new phpMyAdmin window](http://localhost/phpmyadmin/db_datadict.php?db=patientrecordmanagement&table=patient_next_of_kin&server=1&target=&token=866a81c75045ea16c042b7e04cc5ba10)

# Database Diagram

|  |
| --- |
| **Patient** |
| Enroll\_Number  First\_Name  Middle\_Name  0..\*  Last\_Name  1..\*  Date\_of\_Birth  Sex  County  Subcounty  Ward  Village  Cellphone  Email\_Adrress  Alt\_Cellphone  Enroll\_Date |

|  |
| --- |
| **Next of Kin** |
| Next\_Of\_Kin\_ID  First\_Name  Middle\_Name  Last\_Name  Date\_of\_Birth  Sex  Cellphone |

|  |
| --- |
| **Patient\_Next\_Of\_Kin** |
| Enroll\_Number  Next\_Of\_Kin\_ID |

# Software Tools Used

The development of the partial web application was mainly done using the following tools:

1. Adobe dreamweaver CC
2. Wamp server 64bit
3. Languages and scripts

* Php
* Javascript
* Angular.js
* Html
* mysql

# How to run the Application

The application merely consists of components that make up the main application; however it cannot be run currently. The most that can happen is unit testing on the application, on some different aspects as it contains a lot of bugs.