**Community Health Work**

Access to a health provider is something that is commonly taken for granted.

From a kenyan perspective, the doctor to patient ratio is approximately 2:10000, implying that there are chances you may not get to see one in your lifetime!.

Community Health workers come in to change that.

A community health worker is trained to provide the most essential life saving interventions such as emergency care. They also equip families with knowledge and skills to prevent diseases. They Promote sanitation, hygiene, and good nutrition.

**Community module:**

The community module is primarily meant for recording household visits/episodes that are done by Community Health Workers. To achieve this, the following distinct activities are defined:

**Household registration:**

A household refers to a house and its occupants.

Unique households are defined during a household mapping activity. These details are captured into the com\_household table and implemented through HouseholdController in StoneHMIS

com\_household table

**Household Residents Registration:**

These are the occupants of the house.

A house must have residents for community health work to be done.

To avoid running parallel systems, I.e community module running parallel to stoneHMIS, household residents are registered during the normal registration in stone,(in the registry module). However, the household residents details go into a different table called com\_household\_residence, which is linked to the reg\_person table through reg\_person\_id.

The residents are registered starting with the head of the household, so that the subsequent occupants are assigned that head.

The com\_household\_residence table contains :

* com\_household\_residence\_id
* reg\_person\_id
* household\_number
* is\_household\_head
* reg\_episode\_id
* person\_code
* altering\_user\_id
* registering\_user\_id
* date\_registered
* date\_created

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Name Age

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John D Hunter 40

Cast of Thousands 41

And Still More 42

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**Household Head Registration**

Each household, as define above, has a household head. Household heads are recorded in table com\_household\_head. A household can have several household heads over a period of time but not concurrently. A person can be head of a number of households concurrently.

The programming logic is implemented in HouseholdheadController

Table com\_household\_head:

* com\_household\_head\_id
* private\_universal\_unique\_person\_id
* reg\_person\_id
* com\_household\_id
* date\_captured
* date\_exited
* date\_altered
* registering\_user\_id

Personal Relationship definitions

Household visits

**Database structure:**

Table **comm\_episode**

This holds all those episode made to the clinics and it includes:

* reg\_person\_id (from the reg\_person\_table)
* reg\_episode\_id (from the reg\_episode table)
* comm\_household\_id (from the comm\_household table)

Table **comm\_household**

This table holds data identifying a given household which includes:

* household\_id (auto incremented )
* household\_number (pre-assigned for each household)
* household\_chw
* household\_district
* household\_province

Table **comm\_household\_relationship**

This table includes the relationships within a household:

* relationship\_id (auto incremented)
* relationship\_type (which includes HHH, spouse, sister, child,....)