Namibia. Legacy data

# Objective

 Add to Pharmadex database products that already registered in Namibia

# Source data

1. pdx\_na database
2. File NAM MEDICINES REGISTER.xls that contains list of registered products and products on different stages of registration

# Iterations

## Pre-condition

 Develop special software that can both query MySQL (jdbc) and read MS Excel (apache poi). Below are use cases for this software

## First iteration – add general information about registered products and determine missing detail information

### Determine and add missing applicants (applicants.sql)

1. Read all applicant’s names (2) Names are unique.
2. Read max id from (1).applicant
3. For each applicant search by name in (1) and create SQL insert if not found, id begin from max id + 100

### Access active ingredients (aingredients.xlsx)

Source 2 sometimes contains strange active ingredient names. Suppose that different active ingredient divided by line feed or comma or semi-colon.

1. Read all unique active ingredients from (2)
2. Lookup for each in (1) by name
3. If not found, log to the Excel

### Access dosage forms (dosages.xlsx)

Source 2 sometimes contains strange dosage forms. Suppose that different ones divided by line feed or comma or semi-colon.

1. Read all unique dosage forms from (2)
2. Lookup for each in (1) by name
3. If not found, log to the Excel

### Ask about manufacturers

Current data (1 and 2) does not contain manufacturer information. Is it possible to receive manufacturer data for each product in (2)?

#### Determine and add missed registered products (registered.sql)

1. Determine max ID for Product
2. Determine max ID for Application
3. Read products with empty SCHEDULLING STATUS from (2) registered names are unique. For each product extract:
	1. **Lookup for (1).applicant ID**
	2. Registered name
	3. Strength – dosage unit
	4. Reg no in Namibia
	5. Reg date
4. For each Product generate SQL insert for Product and Application start from corresponding max ID

## Second iteration – add details to already registered products

To do

## Third iteration – add information about products on different stages of registration

To do