# Insurance database //to be renamed better

## Introduction

## Database description:

### Data requirements:

#### Entities:

**Insuranceplans:**

### Functional requirements:

## Relation model:

### Entities:

Insuranceplans(planid,plaindetails,price)

Clients(uid,fname,lname,e-mail,nphone,gender,address,birthdate,accountdetails)

Healthpractitioners(did,fname,lname,specialization,phonenumber,e-mail)

Prescriptions(presid,startdate,endate)

Healthfacilities(fid,hname,address,type,hnphone)

Pharmacists(pid,fname,lname,phonenumber,e-mail)

Receipts(rid,cid,pid,date,totalprice) cid foreign key referencing Clients, pid foreign key referencing Pharmacists

Drugs(duid,dname,manufacturer,price)

Insuranceclaims(icid,uid,rid,date) cid foreign key referencing Clients, rid foreign key referencing Receipts

### Relations:

Subscribed(planid,cid,startdate,enddate) planid foreign key referencing Insuranceplans, cid foreign key referencing Clients

Contains(presid,duid,quantity,refills) presid foreign key referencing Prescriptions, cid foreign key referencing Drugs

Dworksin(did,fid) did foreign key referencing Healthpractitioners, fid foreigh key referencing Healthfacilities

Pworksin(Pid,fid) did foreign key referencing Pharmacists, fid foreigh key referencing Healthfacilities

SoldDrugs(rid,duid,drugprice,quantity) rid foreign key referencing Receipts, duid foreign key referencing Drugs.

Rembursed(icid,planid,amount,date) icid foreign key referencing Insuranceclaims, planid foreign key referencing Insuranceplans