@startuml

title MyPillRecord

object Controller {

user

jaIniciat

}

object ActivityReminder {

name

duration

}

object ActivityTherapy {

activityType

duration

}

object Agenda {

}

object Contacte {

username

tipus

}

object Frequency{

type

startDate

endDate

listOfPuntualDays

specificWeekDays

eachTimeDose

}

object LoggedInUser {

userId

displayName

}

object MeasurementReminder {

name

unit

date

time

value

status

}

object MeasurementTherapy {

type

}

object MedicineReminder {

name

dose

doseUnit

}

object MedicineTherapy {

dose

units

medicine

}

object Reminder {

date

time

status

}

object ReminderStatus {

DONE

OMITTED

TO\_DO

}

object StatisticEntry {

value

date

}

object Statistics {

weightData

heartRateData

arterialPresureData

glucoseBeforeData

glucoseAfterData

temperatureData

}

object Therapy {

frequency

startDate

endDate

notes

}

object UnplannedMedicineReminder

object UnplannedActivityReminder

object UnplannedMeasurementReminder

object User {

email

username

password

gender

birthYear

weight

height

therapies

reminders

agenda

statistics

}

object Prefs {

PREFS\_NAME

SHARED\_NAME

SHARED\_GENDER

SHARED\_YEAR\_BIRTH

SHARED\_HEIGHT

SHARED\_WEIGHT

SHARED\_PASWORD

prefs

}

Reminder<|-down- ActivityReminder

Therapy<|-down- ActivityTherapy

Reminder<|-down- MeasurementReminder

Therapy<|-down- MeasurementTherapy

Reminder<|-down- MedicineReminder

Therapy<|-down- MedicineTherapy

Reminder<|-up- UnplannedActivityReminder

Reminder<|-up- UnplannedMeasurementReminder

Reminder<|-up- UnplannedMedicineReminder

Agenda"1" \*--"1..\*" Contacte: está compuesta por

Reminder”1..\*” -right- “‘1” ReminderStatus: tiene un

Statistics”1\*” \*-left- “‘1..\*” StatisticEntry: constituye

Therapy”1” -up- “‘1” Frequency: es definida por

User”1” -down- “1”LoggedInUser: esta registrado

User”1" -right-"1..\*" Reminder: crea

User”1" -left-"1..\*" Reminder: es alertado por

User”1" -left-"1..\*" Therapy: es creada por

User”1" --"1..\*"Statistics: visualiza

User”1" -down- "1..\*"StatisticEntry: adiciona

User”1" \*-down-"1"Agenda : tiene

Controller“1" -down-"1..\*"User: registra

Controller”1” -left- “’1” Prefs: estan en

@enduml