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Roll Number: **19P1664**

Subject: **Software Design and Architecture**

Lab task: **06**

Instructor: **Usama Musharraf**

Noun from final set of Requirements

Landline call

TV

Volume

Lights

Cell phone

Oven

Food

Fridge

Item

Grocery store

User

Ac

Temperature sensor

Elimination

Landline Phone

TV

Lights

Cell phone

Oven

Fridge

Grocery store

User

Ac

Temperature sensor

Possible association

Central controller control and looks on every activity

Landline phone is connected to the **TV** to control volume

TV controls the intensity of the **light** (dimmed, Normal)

Cell phone connected to **oven**

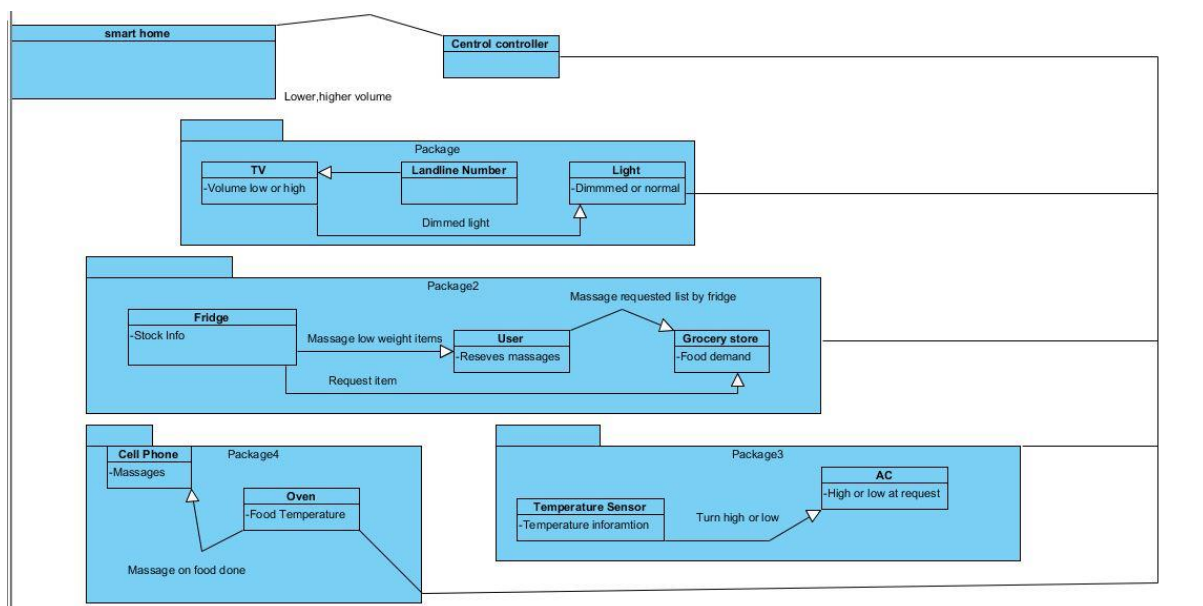
Fridge connected to **grocery store**

Fridge connected to **user**

User connected to **grocery store**

Temperature sensor Higher or lower the **AC**

Object oriented model attributes



Sequence diagram

