Application is a unit converter program in which the
user selects a unit (in a category or family) and
another in the same category and types a value to
be calculated.

I am not sure if I am doing this right (the UML
flowchart). Or what things need to go under each
box/level. So don't judge too harshly :'(

units

distance
double distance

getDistance()

time
double time

getTime()

measurement
double measurements

getMeasure()

weight
double weight

getWeight()

tempurature
double temp

getTemp()

distance:
- inches
- feet
- mile
- yard
- meter
- centimeter
- milimeter

time:
- second
- minute
- hour
- day
- week
- year
- decade
- century

measurement:
- tsp
- tbsp
- cup
- oz
- pint
- quart
- gallon
- liter
- mililiter

weight:
- oz
- pound
- gram
- kilogram
- stone

tempurature:
- celsius
- fahrenheit
- kelvin