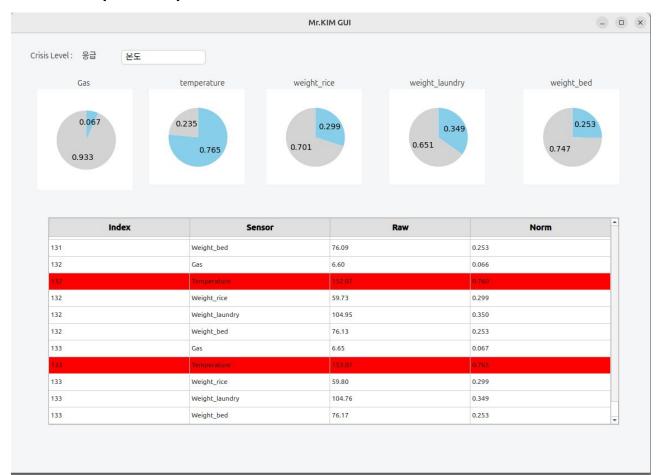
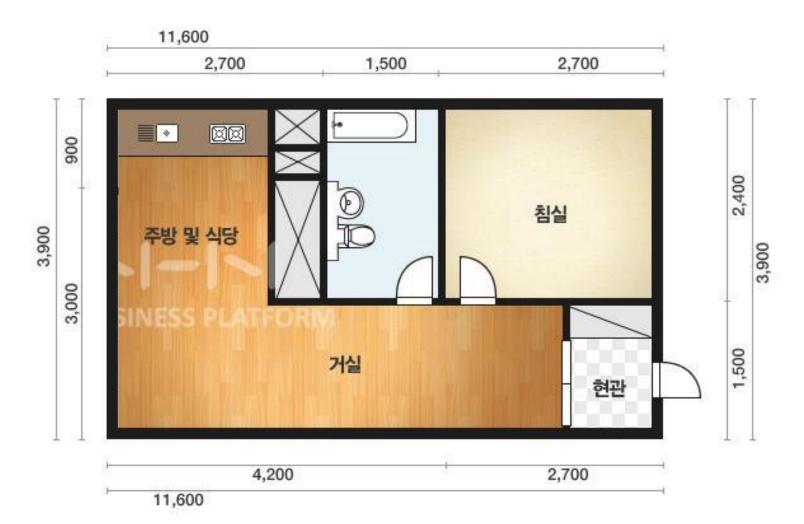
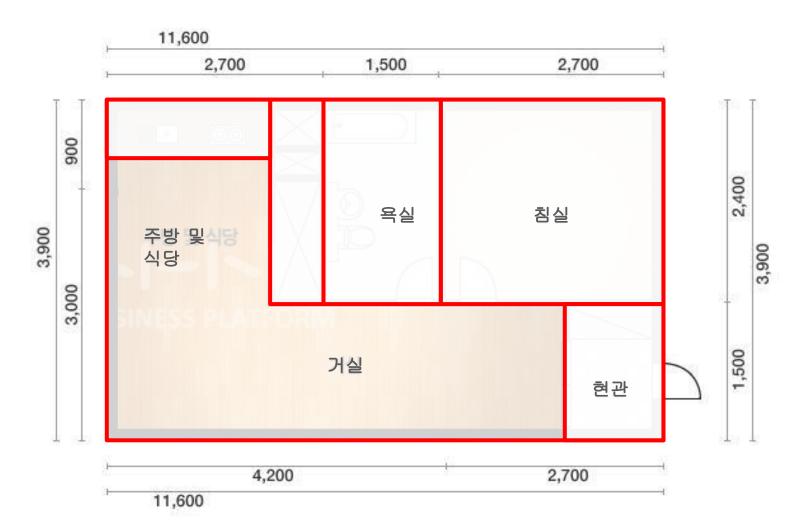
GUI 실행화면(미완)

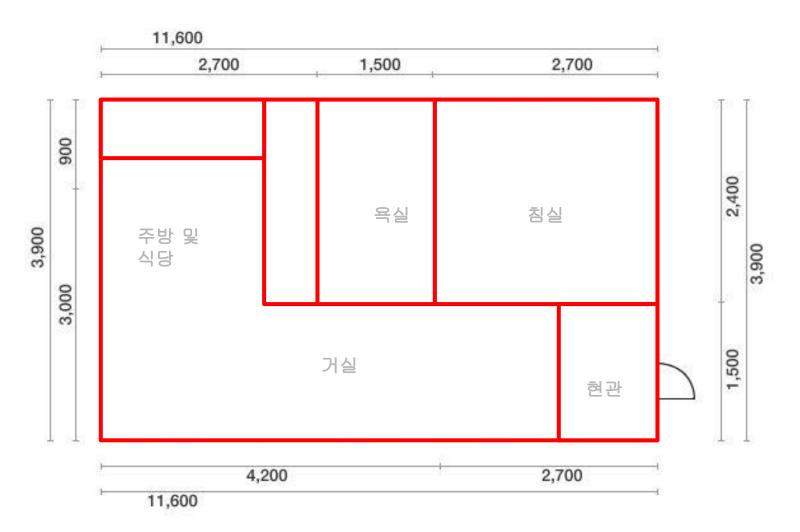


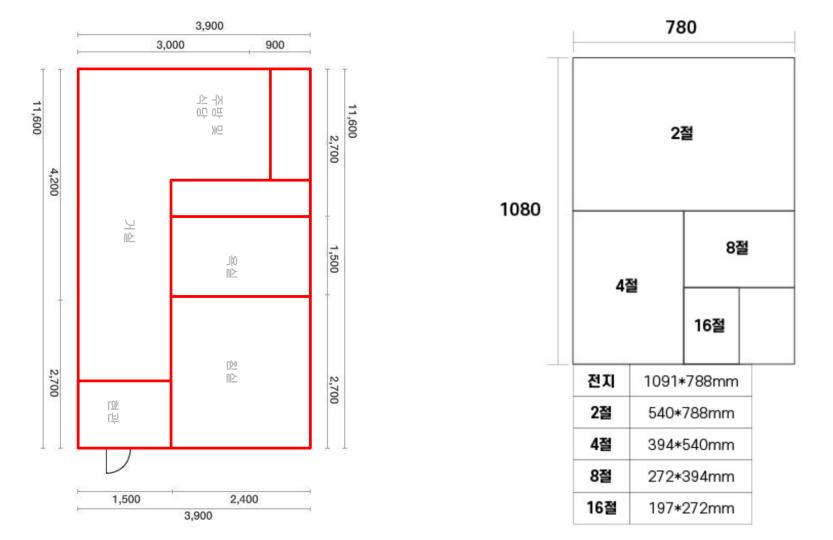
GUI 코드(미완)

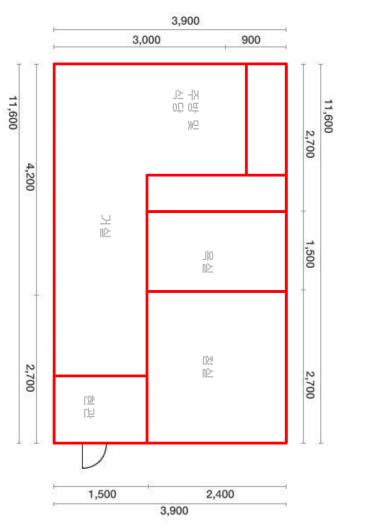
```
font-si; class WindowClass(OMainWindow, from class):
mport numpy as np
                                                                                           header.setSectionResizeMode(i, OHeaderView.ResizeMode.Stretch)
                                                                                                                                                                                   def append_log(self, sensor_name, index, raw, norm):
from PyQt6.QtWidgets import *
from PyQt6.QtCore import QTimer
rom PyQt6 import uic
                                                                                                                                                                                            highlight = QColor(255, 255, 255)
from PyQt6.QtGui import QColor
                                                                                               "widget": self.widgetPlot pie 1,
rom matplotlib.backends.backend qt5agg import FigureCanvasQTAgg as FigureCanvas
                                                                                                                                                                                       item index.setBackground(highlight)
rom matplotlib.figure import Figure
                                                                                                                                                                                       item sensor.setBackground(highlight)
                                                                                                "max": 100.
                                                                                                                                                                                       item norm.setBackground(highlight)
                                                                                               "threshold": 100
import warnings
                                                                                                                                                                                       item raw.setBackground(highlight)
warnings.filterwarnings("ignore", category=UserWarning,
                                                                                               "widget": self.widgetPlot_pie_2,
from class = uic.loadUiType("graph.ui")[0] # UI 파일 경로
                                                                                               "value": self.temperature,
                                                                                                                                                                                       self.table log.setItem(row, 0, item index)
                                                                                                                                                                                       self.table log.setItem(row, 1, item sensor)
                                                                                                                                                                                       self.table log.setItem(row, 2, item raw)
   def init (self, parent=None):
                                                                                                                                                                                       self.table log.setItem(row, 3, item norm)
       self.fig = Figure(figsize=(2, 2))
       self.ax = self.fig.add subplot(111)
                                                                                                                                                                  OHeaderView:
                                                                                                                                                                                       self.table log.scrollToBottom()
       super(), init (self.fig)
                                                                                               "widget": self.widgetPlot_pie_3,
       self.setParent(parent)
                                                                                               "value": self.weight rice,
       self.draw_pie(0)
                                                                                                                                                                                   def decide crisis level(self):
                                                                                               "max": 200,
   def draw pie(self, value):
                                                                                                                                                                                            self.label crlevel.setText("응급")
       self.ax.set aspect("equal", adjustable="box")
                                                                                                                                                                  OTableWidge1
                                                                                               "widget": self.widgetPlot pie 4.
       val = [value, 1 - value]
                                                                                               "value": self.weight bed.
       def make_autopct(values):
           def my autopct(pct):
               total = sum(values)
                                                                                                                                                                                       self.show crisis contents()
                                                                                                "widget": self.widgetPlot pie 5.
          return my autopct
                                                                                               "value": self.weight_laundry,
                                                                                                                                                                                   def show crisis contents(self):
       self.ax.pie(val,
                                                                                                                                                                                       self.line crcontents.setText("온도")
                                                                                               "max": 300,
                  autopct=make autopct(val),
                                                                                                                                                                                   def normalize(self, val, min_v, max_v):
                  counterclock=False)
                                                                                                                                                                                       if max v == min v:
       self.draw()
                                                                                       self.sensor canvases = {}
                                                                                                                                                                                       return min(max((val - min v) / (max v - min v), 0.0), 2.0)
                                                                                       for name, info in self.sensors.items():
                                                                                           canvas = PieCanvas(info["widget"])
                                                                                                                                                                                   def update pies(self):
                                                                                                                                                                   def append 1
                                                                                                                                                                                       for name, info in self.sensors.items():
                                                                                           layout.setContentsMargins(0, 0, 0, 0)
                                                                                                                                                                                            data = info["value"]
       self.setWindowTitle("Mr.KIM GUI")
                                                                                           layout.addWidget(canvas)
                                                                                                                                                                                            if self.index < len(data):
                                                                                                                                                                      item inc
                                                                                                                                                                                                raw val = data[self.index]
       self.x = np.linspace(0, 200, 2000)
                                                                                                                                                                      item ser
                                                                                                                                                                                                norm val = self.normalize(raw val, info["min"], info["max"])
       self.gas = np.linspace(0, 100, len(self.x))
                                                                                                                                                                      item ray
                                                                                                                                                                                                info["canvas"].draw pie(norm val)
       self.temperature = 20 + 10 * self.x
                                                                                                                                                                      item nor
       self.weight bed = 100 + 20 * np.cos(self.x / 10)
                                                                                       self.timer.setInterval(100)
                                                                                                                                                                      # 🔽 조건
                                                                                       self.timer.timeout.connect(self.update pies)
                                                                                                                                                                                                self.append log(name, self.index, raw val, norm val)
                                                                                                                                                                                                self.decide crisis level()
       self.table log.setColumnCount(4)
                                                                                                                                                                                       self.index += 1
                                                                                       self.setStyleSheet("""
       self.table log.setEditTriggers(QAbstractItemView.EditTrigger.NoEditTrigger
       self.table_log.verticalHeader().setVisible(False)
       self.table log.horizontalHeader().setStretchLastSection(True)
                                                                                                                                                                                   app = QApplication(sys.argv)
                                                                                                                                                                          high
       header = self.table log.horizontalHeader()
                                                                                                                                                                                   myWindow = WindowClass()
                                                                                                                                                                                   myWindow.show()
          header.setSectionResizeMode(i, OHeaderView,ResizeMode,Stretch)
                                                                                                                                                                                   sys.exit(app.exec())
```





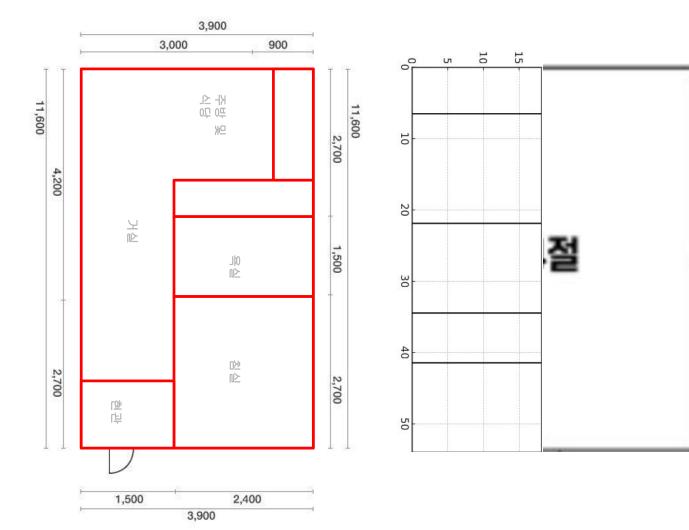








전지	1091*788mm
2절	540*788mm
4절	394*540mm
8절	272*394mm
16절	197*272mm



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