



## Homework 4

Software Engineering Principle

Software Engineering Program,

Department of Computer Engineering,

School of Engineering, KMITL

67011287 Ramida Laphasphokin

# **Features**

## **Gantt Chart**

Used for planning project plan and tasks duration or deadline.

## **Class Diagram**

Used for designing classes in the projects.

## **Interaction Diagram**

Used for designing how classes interact each others in the projects.

## **Markdown Renderer for the task assignment page**

How it works:

- As mentioned earlier, we can use markdown to express the task, ∴ we need a markdown renderer.

Implementation Approach:

- Use QEngineWebView Module in PyQt.

## VS-Code Extension (OPTIONAL)

TODO extension in VS-Code with better description for the task and with team member(s) assigned to that task.

How it works:

- If you have comment with TODO in the front, you can add description of the task in a different entry and also in a markdown file.
- If you want to add a person in charge for that task (OPTIONAL), you can use @TEMP, where TEMP can be either role or team member names.
- After saved, you can access the TODO description as you hover and click to inspect task in the comment.

Implementation Approach:

- Scan through the file looking for comment with TODO in the front then keep the entry into the DB.
- We can edit the TODO description inside a external markdown file.

## Page included in this homework

- **Design Page:** Page to brainstorm the program architecture and to adjust tasks duration or deadline.
- **User Settings Page:** Page to edit current user settings.

## Code:

### DesignPageCode.py

```
import sys
from PySide6.QtWidgets import *
from PySide6.QtCore import *
from PySide6.QtGui import *
from PySide6.QtMultimedia import QSoundEffect
from DesignPageUI import Ui_Form


class Design(QMainWindow):
    def __init__(self):
        QMainWindow.__init__(self, None)
        self.ui = Ui_Form()
        self.ui.setupUi(self)
        self.toggle = QSoundEffect(self)
        self.toggle.setSource(QUrl.fromLocalFile("./sounds/page_to_"
                                                "ogle.wav"))
        self.toggle.setVolume(0.5)
        self.hoverSfx = QSoundEffect(self)
        self.hoverSfx.setSource(QUrl.fromLocalFile("./sounds/hover_"
                                                ".wav"))
        self.ui.class_2.clicked.connect(lambda: self.changePage(0))
        self.ui.GanttChart.clicked.connect(lambda:
                                            self.changePage(1))
        self.ui.interaction.clicked.connect(lambda:
                                            self.changePage(2))

        for btn in (self.ui.class_2, self.ui.GanttChart,
                    self.ui.interaction):
            btn.installEventFilter(self)
            btn.setAttribute(Qt.WA_Hover)

    def changePage(self, index):
        self.toggle.play()
        self.ui.stackWidget.setCurrentIndex(index)

    def eventFilter(self, obj, event):
        if event.type() == QEvent.Enter:
```

```
if obj in (self.ui.class_2, self.ui.GanttChart,
    ↪ self.ui.interaction):
    self.hoverSfx.play()
return super().eventFilter(obj, event)

if __name__ == '__main__':
    app = QApplication(sys.argv)

    w = Design()
    w.show()
    sys.exit(app.exec())
```

## DesignPageUI.py

```
# -*- coding: utf-8 -*-

#####
# Form generated from reading UI file 'design.ui'
##
## Created by: Qt User Interface Compiler version 6.10.1
##
## WARNING! All changes made in this file will be lost when
#       recompiling UI file!
#####

from PySide6.QtCore import (QCoreApplication, QDate, QDateTime,
                             QLocale,
                             QMetaObject, QObject, QPoint, QRect,
                             QSize, QTime, QUrl, Qt)
from PySide6.QtGui import (QBrush, QColor, QConicalGradient,
                           QCursor,
                           QFont, QFontDatabase, QGradient, QIcon,
                           QImage, QKeySequence, QLinearGradient, QPainter,
                           QPalette, QPixmap, QRadialGradient, QTransform)
from PySide6.QtWidgets import ( QApplication, QLabel, QPushButton,
                               QSizePolicy,
                               QStackedWidget, QWidget)

class Ui_Form(object):
    def setupUi(self, Form):
        if not Form.objectName():
            Form.setObjectName(u"Form")
        Form.resize(966, 681)
        Form.setStyleSheet(u"background-color: rgb(247, 247,
                                         247)\n"
"")
        self.widget = QWidget(Form)
        self.widget.setObjectName(u"widget")
        self.widget.setGeometry(QRect(0, 0, 971, 91))
        self.widget.setStyleSheet(u"background-color: #2f8ed2;\n"
"color: white;")
```

```

self.class_2 = QPushButton(self.widget)
self.class_2.setObjectName(u"class_2")
self.class_2.setGeometry(QRect(220, 0, 171, 91))
self.class_2.setStyleSheet(u"QPushButton {\n"
"    font-size: 16px;\n"
"    background: #2f8ed2;\n"
"    color: white;\n"
"}\n"
"QPushButton:hover {\n"
"    background: #fdd148;\n"
"    color: black;\n"
"})
self.interaction = QPushButton(self.widget)
self.interaction.setObjectName(u"interaction")
self.interaction.setGeometry(QRect(400, 0, 171, 91))
self.interaction.setStyleSheet(u"QPushButton {\n"
"    font-size: 16px;\n"
"    background: #2f8ed2;\n"
"    color: white;\n"
"}\n"
"QPushButton:hover {\n"
"    background: #fdd148;\n"
"    color: black;\n"
"})
self.GanttChart = QPushButton(self.widget)
self.GanttChart.setObjectName(u"GanttChart")
self.GanttChart.setGeometry(QRect(580, 0, 171, 91))
self.GanttChart.setStyleSheet(u"QPushButton {\n"
"    font-size: 16px;\n"
"    background: #2f8ed2;\n"
"    color: white;\n"
"}\n"
"QPushButton:hover {\n"
"    background: #fdd148;\n"
"    color: black;\n"
"})
self.stackWidget = QStackedWidget(Form)
self.stackWidget.setObjectName(u"stackedWidget")
self.stackWidget.setGeometry(QRect(0, 90, 961, 591))
self.classPage = QWidget()
self.classPage.setObjectName(u"classPage")

```

```

        self.widget_2 = QWidget(self.classPage)
        self.widget_2.setObjectName(u"widget_2")
        self.widget_2.setGeometry(QRect(0, 0, 141, 591))
        self.widget_2.setStyleSheet(u"background-color: #d9ecf7;\n"
"border-right: 1px solid #b0cddd;)")
        self.label = QLabel(self.widget_2)
        self.label.setObjectName(u"label")
        self.label.setGeometry(QRect(10, 10, 51, 31))
        self.label.setStyleSheet(u"color: rgb(0, 0, 0);")
        self.label_2 = QLabel(self.widget_2)
        self.label_2.setObjectName(u"label_2")
        self.label_2.setGeometry(QRect(40, 40, 51, 31))
        self.label_2.setStyleSheet(u"color: rgb(0, 0, 0);")
        self.label_2.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_3 = QLabel(self.widget_2)
        self.label_3.setObjectName(u"label_3")
        self.label_3.setGeometry(QRect(40, 70, 51, 31))
        self.label_3.setStyleSheet(u"color: rgb(0, 0, 0);")
        self.label_3.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_4 = QLabel(self.widget_2)
        self.label_4.setObjectName(u"label_4")
        self.label_4.setGeometry(QRect(40, 100, 51, 31))
        self.label_4.setStyleSheet(u"color: rgb(0, 0, 0);")
        self.label_4.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_5 = QLabel(self.classPage)
        self.label_5.setObjectName(u"label_5")
        self.label_5.setGeometry(QRect(450, 20, 221, 31))
        self.label_5.setStyleSheet(u"color: rgb(0, 0, 0);\n"
"font-size: 22px;\n"
"font-weight: bold;")

        self.label_5.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_6 = QLabel(self.classPage)
        self.label_6.setObjectName(u"label_6")
        self.label_6.setGeometry(QRect(160, 60, 791, 511))
        self.label_6.setStyleSheet(u"background: #eeeeee;\n"
"border: 2px dashed #999;\n"
"color: black;")

        self.label_6.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.stackWidget.addWidget(self.classPage)
        self.ganttPage = QWidget()
        self.ganttPage.setObjectName(u"ganttPage")

```

```

        self.label_14 = QLabel(self.ganttPage)
        self.label_14.setObjectName(u"label_14")
        self.label_14.setGeometry(QRect(380, 20, 221, 31))
        self.label_14.setStyleSheet(u"color: rgb(0, 0, 0);\n"
"font-size: 22px;\n"
"font-weight: bold;")
        self.label_14.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_13 = QLabel(self.ganttPage)
        self.label_13.setObjectName(u"label_13")
        self.label_13.setGeometry(QRect(20, 60, 931, 511))
        self.label_13.setStyleSheet(u"background: #eeeeee;\n"
"border: 2px dashed #999;\n"
"color: black;")
        self.label_13.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.stackWidget.addWidget(self.ganttPage)
        self.interactionPage = QWidget()
        self.interactionPage.setObjectName(u"interactionPage")
        self.label_12 = QLabel(self.interactionPage)
        self.label_12.setObjectName(u"label_12")
        self.label_12.setGeometry(QRect(160, 60, 791, 511))
        self.label_12.setStyleSheet(u"background: #eeeeee;\n"
"border: 2px dashed #999;\n"
"color: black;")
        self.label_12.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.label_11 = QLabel(self.interactionPage)
        self.label_11.setObjectName(u"label_11")
        self.label_11.setGeometry(QRect(450, 20, 221, 31))
        self.label_11.setStyleSheet(u"color: rgb(0, 0, 0);\n"
"font-size: 22px;\n"
"font-weight: bold;")
        self.label_11.setAlignment(Qt.AlignmentFlag.AlignCenter)
        self.widget_3 = QWidget(self.interactionPage)
        self.widget_3.setObjectName(u"widget_3")
        self.widget_3.setGeometry(QRect(0, 0, 141, 591))
        self.widget_3.setStyleSheet(u"background-color: #d9ecf7;\n"
"border-right: 1px solid #b0cddd;")
        self.label_7 = QLabel(self.widget_3)
        self.label_7.setObjectName(u"label_7")
        self.label_7.setGeometry(QRect(10, 10, 51, 31))
        self.label_7.setStyleSheet(u"color: rgb(0, 0, 0);")
        self.label_8 = QLabel(self.widget_3)

```

```

    self.label_8.setObjectName(u"label_8")
    self.label_8.setGeometry(QRect(40, 40, 51, 31))
    self.label_8.setStyleSheet(u"color: rgb(0, 0, 0)")
    self.label_8.setAlignment(Qt.AlignmentFlag.AlignCenter)
    self.label_9 = QLabel(self.widget_3)
    self.label_9.setObjectName(u"label_9")
    self.label_9.setGeometry(QRect(40, 70, 51, 31))
    self.label_9.setStyleSheet(u"color: rgb(0, 0, 0)")
    self.label_9.setAlignment(Qt.AlignmentFlag.AlignCenter)
    self.label_10 = QLabel(self.widget_3)
    self.label_10.setObjectName(u"label_10")
    self.label_10.setGeometry(QRect(40, 100, 51, 31))
    self.label_10.setStyleSheet(u"color: rgb(0, 0, 0)")
    self.label_10.setAlignment(Qt.AlignmentFlag.AlignCenter)
    self.stackWidget.addWidget(self.interactionPage)

    self.retranslateUi(Form)

    QMetaObject.connectSlotsByName(Form)
# setupUi

def retranslateUi(self, Form):
    Form.setWindowTitle(QCoreApplication.translate("Form",
        u"Form", None))
    self.class_2.setText(QCoreApplication.translate("Form",
        u"Class", None))
    self.interaction.setText(QCoreApplication.translate("Form",
        u"Interaction", None))
    self.GanttChart.setText(QCoreApplication.translate("Form",
        u"Gantt Chart", None))
    self.label.setText(QCoreApplication.translate("Form",
        u"Tools:", None))
    self.label_2.setText(QCoreApplication.translate("Form",
        u"Tools 1", None))
    self.label_3.setText(QCoreApplication.translate("Form",
        u"Tools 2", None))
    self.label_4.setText(QCoreApplication.translate("Form",
        u"Tools 3", None))
    self.label_5.setText(QCoreApplication.translate("Form",
        u"Class Diagram", None))

```

```

    self.label_6.setText(QCoreApplication.translate("Form",
        u"Class Diagram", None))
    self.label_14.setText(QCoreApplication.translate("Form",
        u"Gantt Chart", None))
    self.label_13.setText(QCoreApplication.translate("Form",
        u"Gantt Chart", None))
    self.label_12.setText(QCoreApplication.translate("Form",
        u"Interaction Diagram", None))
    self.label_11.setText(QCoreApplication.translate("Form",
        u"Interaction Diagram", None))
    self.label_7.setText(QCoreApplication.translate("Form",
        u"Tools:", None))
    self.label_8.setText(QCoreApplication.translate("Form",
        u"Tools 1", None))
    self.label_9.setText(QCoreApplication.translate("Form",
        u"Tools 2", None))
    self.label_10.setText(QCoreApplication.translate("Form",
        u"Tools 3", None))
# retranslateUi

```

## UserSettingsPageCode.py

```

import sys
from PySide6.QtWidgets import *
from PySide6.QtCore import *
from PySide6.QtGui import *
from PySide6.QtMultimedia import QSoundEffect
from UserSettingsPageUI import Ui_Form

class ProfileWidget(QWidget):
    def __init__(self, image_path, parent=None):
        super().__init__(parent)
        self.pixmap = QPixmap(image_path)

    def paintEvent(self, event):
        painter = QPainter(self)
        painter.setRenderHint(QPainter.Antialiasing)

        size = min(self.width(), self.height())

```

```

rect = QRect(
    (self.width() - size) // 2,
    (self.height() - size) // 2,
    size,
    size
)

path = QPainterPath()
path.addEllipse(rect)
painter.setClipPath(path)

painter.drawPixmap(
    rect,
    self.pixmap.scaled(
        rect.size(),
        Qt.KeepAspectRatioByExpanding,
        Qt.SmoothTransformation
    )
)

```

```

class Setting(QMainWindow):
    def __init__(self):
        QMainWindow.__init__(self, None)
        self.ui = Ui_Form()
        self.ui.setupUi(self)
        self.ui.pushButton.clicked.connect(self.saveData)
        self.saveSfx = QSoundEffect(self)
        self.saveSfx.setSource(QUrl.fromLocalFile("sounds\save_but\
            ↵ ton.wav"))
        self.saveSfx.setVolume(0.5)
        self.hoverSfx = QSoundEffect(self)
        self.hoverSfx.setSource(QUrl.fromLocalFile("sounds\hover.w\
            ↵ av"))

        self.ui.pushButton.installEventFilter(self)
        self.ui.pushButton.setAttribute(Qt.WA_Hover)

        self.profileWidget = ProfileWidget("./images/profile.jpg",
            ↵ self.ui.widget_2.parent())
        self.profileWidget.setGeometry(self.ui.widget_2.geometry())

```

```

        self.ui.widget_2.deleteLater()
        self.ui.widget_2 = self.profileWidget

    def saveData(self):
        self.saveSfx.play()
        new_username = self.ui.usernameInput.text().strip()
        new_email = self.ui.emailInput.text().strip()
        new_phone = self.ui.phoneInput.text().strip()

        if new_username:
            self.ui.username.setText(f"Username: {new_username}")

        if new_email:
            self.ui.gmail.setText(f"Email: {new_email}")

        if new_phone:
            self.ui.phone.setText(f"Phone: {new_phone}")

    def eventFilter(self, obj, event):
        if event.type() == QEvent.Enter:
            if obj == self.ui.pushButton:
                self.hoverSfx.play()
        return super().eventFilter(obj, event)

if __name__ == '__main__':
    app = QApplication(sys.argv)

    w = Setting()
    w.show()
    sys.exit(app.exec())

```

## UserSettingsPageUI.py

```
# -*- coding: utf-8 -*-

#####
# Form generated from reading UI file 'setting.ui'
##
## Created by: Qt User Interface Compiler version 6.10.1
##
## WARNING! All changes made in this file will be lost when
##         recompiling UI file!
#####

from PySide6.QtCore import (QCoreApplication, QDate, QDateTime,
    QLocale,
    QMetaObject, QObject, QPoint, QRect,
    QSize, QTime, QUrl, Qt)
from PySide6.QtGui import (QBrush, QColor, QConicalGradient,
    QCursor,
    QFont, QFontDatabase, QGradient, QIcon,
    QImage, QKeySequence, QLinearGradient, QPainter,
    QPalette, QPixmap, QRadialGradient, QTransform)
from PySide6.QtWidgets import ( QApplication, QLabel, QLineEdit,
    QPushButton,
    QScrollArea, QSizePolicy, QWidget)

class Ui_Form(object):
    def setupUi(self, Form):
        if not Form.objectName():
            Form.setObjectName(u"Form")
        Form.resize(966, 674)
        Form.setStyleSheet(u"background-color: rgb(247, 247,
    247);\n"
"color: black;")
        self.widget = QWidget(Form)
        self.widget.setObjectName(u"widget")
        self.widget.setGeometry(QRect(20, 20, 321, 631))
        self.widget.setStyleSheet(u"background-color: #fdd148;
    border-radius: 10px;\n"
"
```

```

"font-size: 16px\n"
""")
    self.label = QLabel(self.widget)
    self.label.setObjectName(u"label")
    self.label.setGeometry(QRect(20, 10, 151, 41))
    self.label.setStyleSheet(u"font-size: 28px;\n"
"font-weight: bold;")
    self.widget_2 = QWidget(self.widget)
    self.widget_2.setObjectName(u"widget_2")
    self.widget_2.setGeometry(QRect(60, 80, 201, 201))
    self.widget_2.setStyleSheet(u"background: gray;
    ↳ border-radius: 100px;")

self.username = QLabel(self.widget)
self.username.setObjectName(u"username")
self.username.setGeometry(QRect(0, 300, 321, 31))
self.username.setAlignment(Qt.AlignmentFlag.AlignCenter)
self.gmail = QLabel(self.widget)
self.gmail.setObjectName(u"gmail")
self.gmail.setGeometry(QRect(0, 330, 321, 31))
self.gmail.setAlignment(Qt.AlignmentFlag.AlignCenter)
self.phone = QLabel(self.widget)
self.phone.setObjectName(u"phone")
self.phone.setGeometry(QRect(0, 360, 321, 31))
self.phone.setAlignment(Qt.AlignmentFlag.AlignCenter)
self.label_5 = QLabel(self.widget)
self.label_5.setObjectName(u"label_5")
self.label_5.setGeometry(QRect(0, 390, 321, 31))
self.label_5.setAlignment(Qt.AlignmentFlag.AlignCenter)
self.label_6 = QLabel(self.widget)
self.label_6.setObjectName(u"label_6")
self.label_6.setGeometry(QRect(0, 420, 321, 31))
self.label_6.setAlignment(Qt.AlignmentFlag.AlignCenter)
self.scrollArea = QScrollArea(Form)
self.scrollArea.setObjectName(u"scrollArea")
self.scrollArea.setGeometry(QRect(360, 30, 591, 621))
self.scrollArea.setStyleSheet(u"font-size: 16px;")
self.scrollArea.setWidgetResizable(True)
self.scrollAreaWidgetContents = QWidget()
self.scrollAreaWidgetContents.setObjectName(u"scrollAreaWi
    ↳ dgetContents")

```

```

    self.scrollAreaWidgetContents.setGeometry(QRect(0, 0, 587,
        ↳ 617))
    self.label_2 = QLabel(self.scrollAreaWidgetContents)
    self.label_2.setObjectName(u"label_2")
    self.label_2.setGeometry(QRect(20, 10, 321, 41))
    self.label_2.setStyleSheet(u"font-size: 24px;\n"
"font-weight: bold;")
    self.username_2 = QLabel(self.scrollAreaWidgetContents)
    self.username_2.setObjectName(u"username_2")
    self.username_2.setGeometry(QRect(20, 60, 321, 31))
    self.username_2.setAlignment(Qt.AlignmentFlag.AlignLeading |
        ↳ |Qt.AlignmentFlag.AlignLeft|Qt.AlignmentFlag.AlignVC |
        ↳ enter)
    self.usernameInput =
        ↳ QLineEdit(self.scrollAreaWidgetContents)
    self.usernameInput.setObjectName(u"usernameInput")
    self.usernameInput.setGeometry(QRect(20, 100, 551, 31))
    self.usernameInput.setText(u"")
    self.username_3 = QLabel(self.scrollAreaWidgetContents)
    self.username_3.setObjectName(u"username_3")
    self.username_3.setGeometry(QRect(20, 140, 321, 31))
    self.username_3.setAlignment(Qt.AlignmentFlag.AlignLeading |
        ↳ |Qt.AlignmentFlag.AlignLeft|Qt.AlignmentFlag.AlignVC |
        ↳ enter)
    self.emailInput = QLineEdit(self.scrollAreaWidgetContents)
    self.emailInput.setObjectName(u"emailInput")
    self.emailInput.setGeometry(QRect(20, 180, 551, 31))
    self.emailInput.setText(u"")
    self.username_4 = QLabel(self.scrollAreaWidgetContents)
    self.username_4.setObjectName(u"username_4")
    self.username_4.setGeometry(QRect(20, 220, 321, 31))
    self.username_4.setAlignment(Qt.AlignmentFlag.AlignLeading |
        ↳ |Qt.AlignmentFlag.AlignLeft|Qt.AlignmentFlag.AlignVC |
        ↳ enter)
    self.phoneInput = QLineEdit(self.scrollAreaWidgetContents)
    self.phoneInput.setObjectName(u"phoneInput")
    self.phoneInput.setGeometry(QRect(20, 260, 551, 31))
    self.phoneInput.setText(u"")
    self.username_5 = QLabel(self.scrollAreaWidgetContents)
    self.username_5.setObjectName(u"username_5")
    self.username_5.setGeometry(QRect(20, 310, 321, 31))

```

```

    self.username_5.setAlignment(Qt.AlignmentFlag.AlignLeading |
                                ~ Qt.AlignmentFlag.AlignLeft | Qt.AlignmentFlag.AlignVC |
                                ~ enter)
    self.lineEdit_4 = QLineEdit(self.scrollAreaWidgetContents)
    self.lineEdit_4.setObjectName(u"lineEdit_4")
    self.lineEdit_4.setGeometry(QRect(20, 350, 551, 31))
    self.lineEdit_4.setText(u"12345")
    self.lineEdit_4.setReadOnly(True)
    self.pushButton =
        ~ QPushButton(self.scrollAreaWidgetContents)
    self.pushButton.setObjectName(u"pushButton")
    self.pushButton.setGeometry(QRect(10, 540, 571, 71))
    self.pushButton.setStyleSheet(u"QPushButton {\n"
                                "background-color: #2f8ed2;\n"
                                "color: white;\n"
                                "border-radius: 8px;\n"
                                "font-size: 18px;\n"
                                "}\n"
                                "QPushButton:hover {\n"
                                "background-color: #fdd148;\n"
                                "color: black;\n"
                                "}")
    self.scrollArea.setWidget(self.scrollAreaWidgetContents)

    self.retranslateUi(Form)

    QMetaObject.connectSlotsByName(Form)
# setupUi

def retranslateUi(self, Form):
    Form.setWindowTitle(QCoreApplication.translate("Form",
                                                u"Form", None))
    self.label.setText(QCoreApplication.translate("Form",
                                                u"Account:", None))
    self.username.setText(QCoreApplication.translate("Form",
                                                u"Username: Raph", None))
    self.gmail.setText(QCoreApplication.translate("Form",
                                                u"Email: raph@example.com", None))
    self.phone.setText(QCoreApplication.translate("Form",
                                                u"Phone: +66 1234 5678", None))

```

```

self.label_5.setText(QCoreApplication.translate("Form",
    u"Account ID: 12345", None))
self.label_6.setText(QCoreApplication.translate("Form",
    u"Status: Active", None))
self.label_2.setText(QCoreApplication.translate("Form",
    u>Edit Account Information:", None))
self.username_2.setText(QCoreApplication.translate("Form",
    u"Username:", None))
self.usernameInput.setInputMask("")
self.usernameInput.setPlaceholderText(QCoreApplication.transl
    ate("Form", u"Enter new username", None))
self.username_3.setText(QCoreApplication.translate("Form",
    u"Email:", None))
self.emailInput.setInputMask("")
self.emailInput.setPlaceholderText(QCoreApplication.transl
    ate("Form", u"Enter new email", None))
self.username_4.setText(QCoreApplication.translate("Form",
    u"Phone:", None))
self.phoneInput.setInputMask("")
self.phoneInput.setPlaceholderText(QCoreApplication.transl
    ate("Form", u"Enter phone number", None))
self.username_5.setText(QCoreApplication.translate("Form",
    u"Account ID (Read-only):", None))
self.lineEdit_4.setInputMask("")
self.lineEdit_4.setPlaceholderText(QCoreApplication.transl
    ate("Form", u"Enter new username", None))
self.pushButton.setText(QCoreApplication.translate("Form",
    u"PushButton", None))
# retranslateUi

```

**Image:**

profile.png

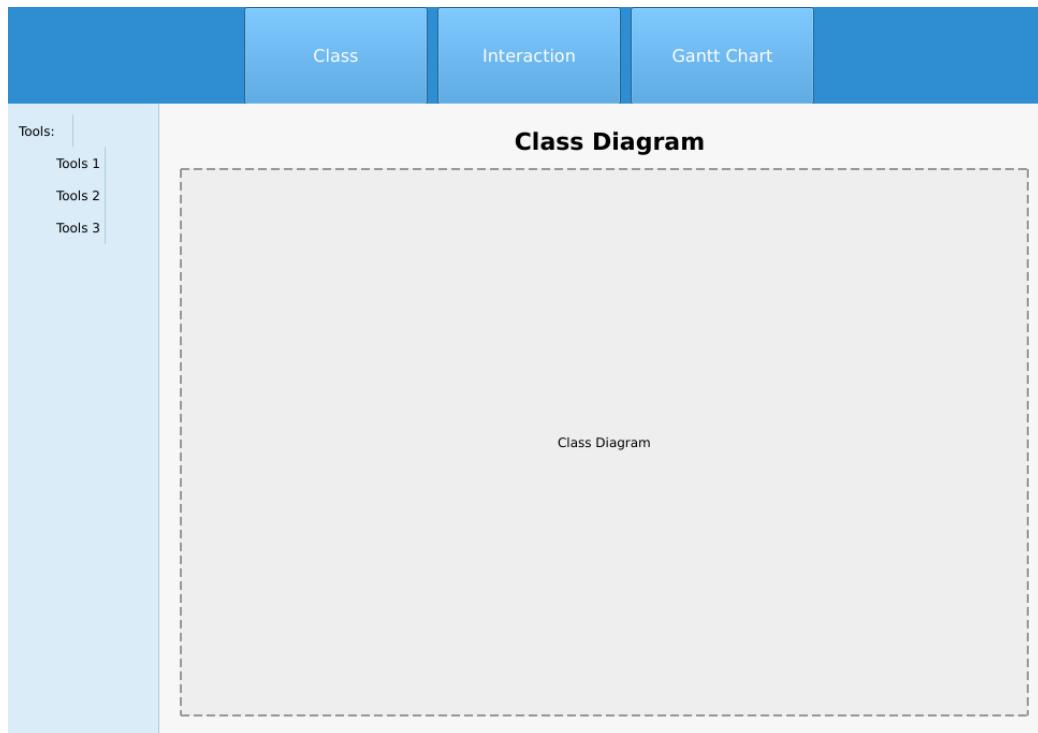


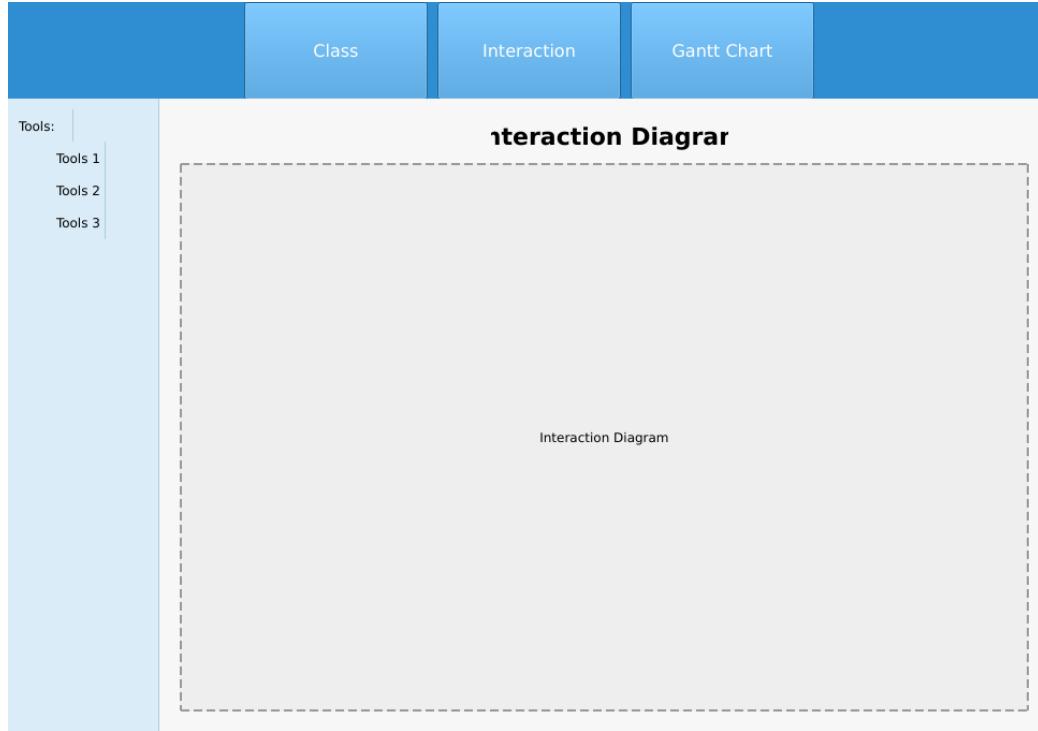
**Sound:**

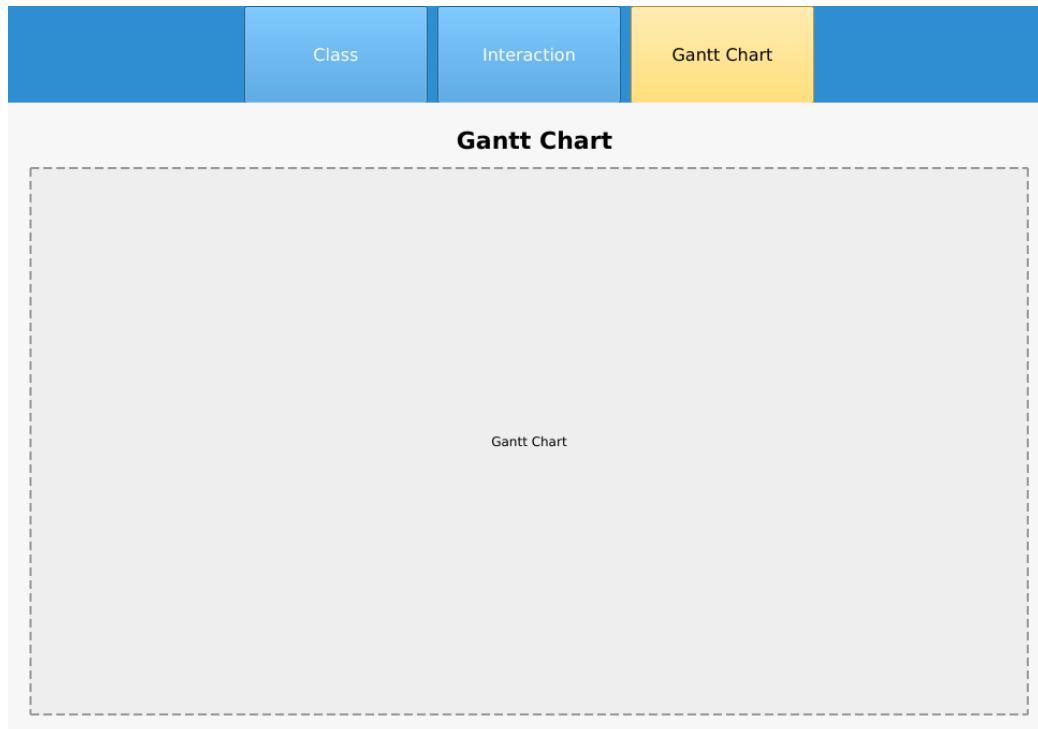
- hover.wav
- page\_toggle.wav
- save\_button.wav

## Output:

### Design Page

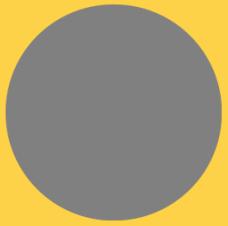






## User Settings Page

**Account:**



Username: Raph  
Email: raph@example.com  
Phone: +66 1234 5678  
Account ID: 12345  
Status: Active

**Edit Account Information:**

Username:

Email:

Phone:

Account ID (Read-only):

**PushButton**