

TASK MANAGER

Desktop application with PyQt5 (Qt Designer), python

CODE OVERVIEW



Objectives

- Enhancing Task Management
- Efficient Daily Activity Tracking



Project Scope

- Utilizing PyQt5 for Development
- Designing an Intuitive User Interface

Form

Task Manager

February, 2024

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
5	28	29	30	31	1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28	29	1	2
10	3	4	5	6	7	8	9

☐ Excercize

☐ Practice Guitar at 5:00 PM to 7.00 PM

Add Task

Remove Selected Task

Save changes

PROGRAM & TOOLS

Development Tools



Visual Studio Code

Programming Language



GUI Design



Qt Designer

GUI Framework



PyQt

Database Management



SQLite

SELECT A DATE AND ADD A TASK

Task Manager

← February, 2024 →

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
5	28	29	30	31	1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28	29	1	2
10	3	4	5	6	7	8	9

☐ Excercise
☐ Practice Guitar at 5:00 PM to 7.00 PM

Add Task

Remove Selected Task

Save changes

CHECK THOSE TASKS COMPLETED

Form

Task Manager

February, 2024

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
5	28	29	30	31	1	2	3
6	4	5	6	7	8	9	10
7	11	12	13	14	15	16	17
8	18	19	20	21	22	23	24
9	25	26	27	28	29	1	2
10	3	4	5	6	7	8	9

☒ Exercise

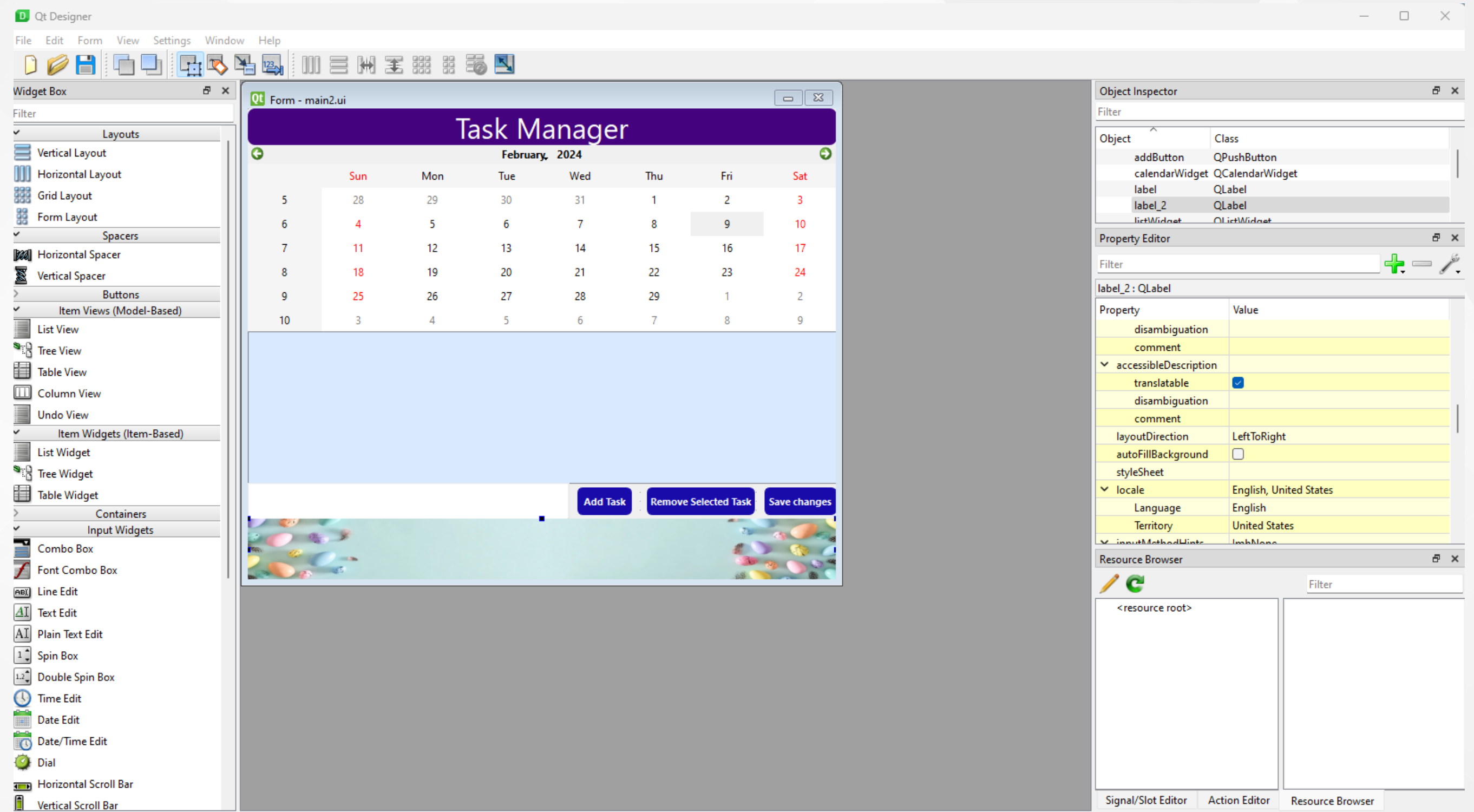
☐ Practice Guitar at 5:00 PM to 7.00 PM

Add Task

Remove Selected Task

Save changes

FLEXIBLE DESIGN WITH QT DESIGNER



DATABASE INTERFACE WITH SQLITE

DB Browser for SQLite - C:\Users\sarak\02_new_code\000_MyPortfolioProjects\03_PyQt5_TaskManager\tasks.db

File Edit View Tools Help

New Database Open Database Write Changes Revert Changes Open Project Save Project Attach Database Close Database

Database Structure Browse Data Edit Pragas Execute SQL

Table: tasks Filter in any column

	task	completed	date
	Filter	Filter	Filter
1	send email	Yes	2024-01-14
2	Write memo	Yes	2024-01-17
3	hio	Yes	2024-02-20
4	fsfsd	Yes	2024-02-08
5	Complete Project1	Yes	2024-02-09
6	Think about new project	NO	2024-02-10
7	Yoga class	NO	2024-02-22
8	think	Yes	2024-02-29
9	test2	Yes	2024-02-19
10	r	Yes	2024-02-27
11	rr	No	2024-02-15

1 - 11 of 11 Go to: 1

Edit Database Cell

Mode: Text

1

Type of data currently in cell: Text / Numeric
1 character(s)

Apply

SQL Log

Show SQL submitted by Application Clear

```
1 PRAGMA foreign_keys = '1';
2 PRAGMA database_list;
3 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
4 PRAGMA encoding;
5 PRAGMA database_list;
6 SELECT type,name,sql,tbl_name FROM "main".sqlite_master;
7 SELECT COUNT(*) FROM "main"."tasks"
8 SELECT "_rowid_",* FROM "main"."tasks" LIMIT 0, 49999;
9
```

SQL Log Plot DB Schema Remote

UTF-8



THANK YOU



zosk62@gmail.com