Fifth Iteration Deliveries

Submitting Team: Team-One

1.  **Screenshots:**

Issues, grouped by work authors

**Total time**

∨  **AA**  **Aden Abdulahi**

FWT-40  Code analysis and update Help instructions

FWT-42  Tuesday Meeting

FWT-50  Saturday meeting

∨  **WL**  **Weilan Liang**

FWT-42  Tuesday Meeting

FWT-50  Saturday meeting

FWT-51  Finalizing

FWT-52  Converting to MVC

∨  **DE**  **derejeteshager0**

FWT-43  Sending an Email

FWT-46  Treeview for file event box

FWT-48  Unit testing

FWT-11  Group Zoom Meeting

FWT-32  SQLite Database

| 3 Mon | 4 Tue | 5 Wed | 6 Thu | 7 Fri | 8 Sat |
|--------|--------|--------|--------|--------|--------|
| — | **7h 00m** | **2h 00m** | **3h 30m** | — | **10h 30m** |
| | 3h 00m | — | — | — | 3h 00m |
| | 1h 00m | | | | |
| | 2h 00m | | | | |
| | | | | | 3h 00m |
| | 2h 00m | — | 1h 30m | — | 4h 30m |
| | 2h 00m | | | | |
| | | | | | 3h 00m |
| | | | 1h 30m | | |
| | | | | | 1h 30m |
| | 2h 00m | 2h 00m | 2h 00m | — | 3h 00m |
| | | 2h 00m | | | |
| | | | 2h 00m | | |
| | | | | | 3h 00m |
| | 2h 00m | | | | |

| 9 Sun |
|--------|
| **6h 00m** |
| 2h 00m |
| 2h 00m |
| 4h 00m |
| 4h 00m |

✓ **Iteration 5,** from Mar 3 to Mar 9

Total hours spent: 29h

Weilan Liang:12h
Dereje Teshager: 9 h
Aden Abdulahi: 8h

# 4 March 2025, Tue

4 March 2025, Tue   Spent time 7h of 8h

⧗ **Aden Abdulahi**

**1h 00m** | N FWT-40 Code analysis and update Help instructions | Development

1

⧗ **Weilan Liang**

**2h 00m** | N FWT-42 Tuesday Meeting

⧗ **Aden Abdulahi**

**2h 00m** | N FWT-42 Tuesday Meeting

⧗ **derejeteshager0**

**2h 00m** | N ~~FWT-11~~ Group Zoom Meeting | Documentation

1

The team had a meeting to submit and discuss about the project.

[Close]  [Add spent time]

## 5 March 2025, Wed

5 March 2025, Wed     Spent time 2h of 8h

⌛ **derejeteshager0**

**2h 00m** | N FWT-43 Sending an Email       Implementation

1

On this day I spent two hours to make sending email more secure and send the data as a.csv file

[Close] [Add spent time]

## 6 March 2025, Thu

6 March 2025, Thu     Spent time 3h 30m of 8h

⌛ **derejeteshager0**

**2h 00m** | N FWT-46 Treeview for file event box       Implementation

1

working on Treeview for our event box. Treeview makes the event box more interactive.

⌛ **Weilan Liang**

**1h 30m** | N FWT-51 Finalizing

[Close] [Add spent time]

## 8 March 2025, Sat

8 March 2025, Sat   Spent time 1d 2h 30m of 8h

**derejeteshager0**

| 3h 00m | N FWT-48 Unit testing | Implementation |
|---|---|---|
| | | 1 |

The team had a meeting to work on different things of the project.

**Weilan Liang**

| 3h 00m | N FWT-50 Saturday meeting | |
|---|---|---|

**Aden Abdulahi**

| 3h 00m | N FWT-50 Saturday meeting | |
|---|---|---|

**Weilan Liang**

| 1h 30m | N FWT-52 Converting to MVC | |
|---|---|---|

[Close] [Add spent time]

## 9 March 2025, Sun

9 March 2025, Sun   Spent time 4h 30m of 8h

**Aden Abdulahi**

| 3h 30m | N FWT-40 Code analysis and update Help instructions | Documentation |
|---|---|---|
| | | 1 |

On going

**derejeteshager0**

| 1h 00m | N FWT-32 SQLite Database | Investigation |
|---|---|---|
| | | 1 |

Researching on database

[Close] [Add spent time]

All cards created and things finished during Fifth Iteration

12 cards

**FWT-53** Make it run again

WL • Normal Task ?     Not estimated

**FWT-40** Code analysis and update Help instructions

AA • Normal Task 6h     Not estimated

**FWT-52** Converting to MVC

WL • Normal Task ?     Not estimated

**FWT-44** Watching Sub directorys

AA • Normal Task 1h     Not estimated

**FWT-42** Tuesday Meeting

WL • Normal Task ?     Not estimated

**FWT-48** Unit testing

AA • Normal Task 5h     Not estimated

**FWT-46** Treeview for file event box

DE • Normal Task 1h     Not estimated

**FWT-43** Sending an Email

DE • Normal Task 3h     Not estimated

**FWT-51** Finalizing

WL • Normal Task 5h     Not estimated

**FWT-50** Saturday meeting

WL • Normal Task 3h     Not estimated

2. Screen shots of GitHub

## Commits

AssignmentTwo ▼                                                    ⚭ All users ▾    🗓 All time ▾

◦ Commits on Mar 11, 2025

**Initiated Unit Test**
🎮 Adenm2024 authored 24 minutes ago                    Verified   7724458  📋  <>

◦ Commits on Mar 9, 2025

**update to MVC** 💬
🐱 weilan1299 authored 2 days ago                        Verified   eabb5a2  📋  <>

◦ Commits on Mar 8, 2025

**Add files via upload** 💬
🐱 weilan1299 authored 3 days ago                        Verified   3ac2203  📋  <>

◦ Commits on Mar 7, 2025

**Tkinter.py** 💬
🎮 dteshager authored 5 days ago                         Verified   0f3063a  📋  <>

◦ Commits on Mar 4, 2025

**Tkinter.py** 💬
🎮 dteshager authored last week                          Verified   bb8f556  📋  <>

**Add files via upload** 💬
🐱 weilan1299 authored last week                         Verified   6e91ade  📋  <>

**Add files via upload**
🐱 weilan1299 authored last week                         Verified   16297ec  📋  <>

**Add files via upload**
🐱 weilan1299 authored last week                         Verified   a087ace  📋  <>

3. Screen shot of code sample

Changing into MVC method

```python
from abc import abstractmethod


class Model:  3 usages
    def __init__(self):
        self.rows = []

    @abstractmethod
    def add_row(self, row):
        pass

    def get_rows(self):  1 usage (1 dynamic)
        return self.rows

class View:

    @abstractmethod  1 usage (1 dynamic)
    def show_data(self, rows):
        pass

class Controller:  3 usages
    def __init__(self, model, view):
        self.model = model
        self.view = view

    def add_row(self, row):
        self.model.add_row(row)
        self.update_view()

    def update_view(self):  1 usage
        rows = self.model.get_rows()
        self.view.show_data(rows)

if __name__ == "__main__":
    model = Model()
    view = View()
    controller = Controller(model, view)
```

# Option to send email to people
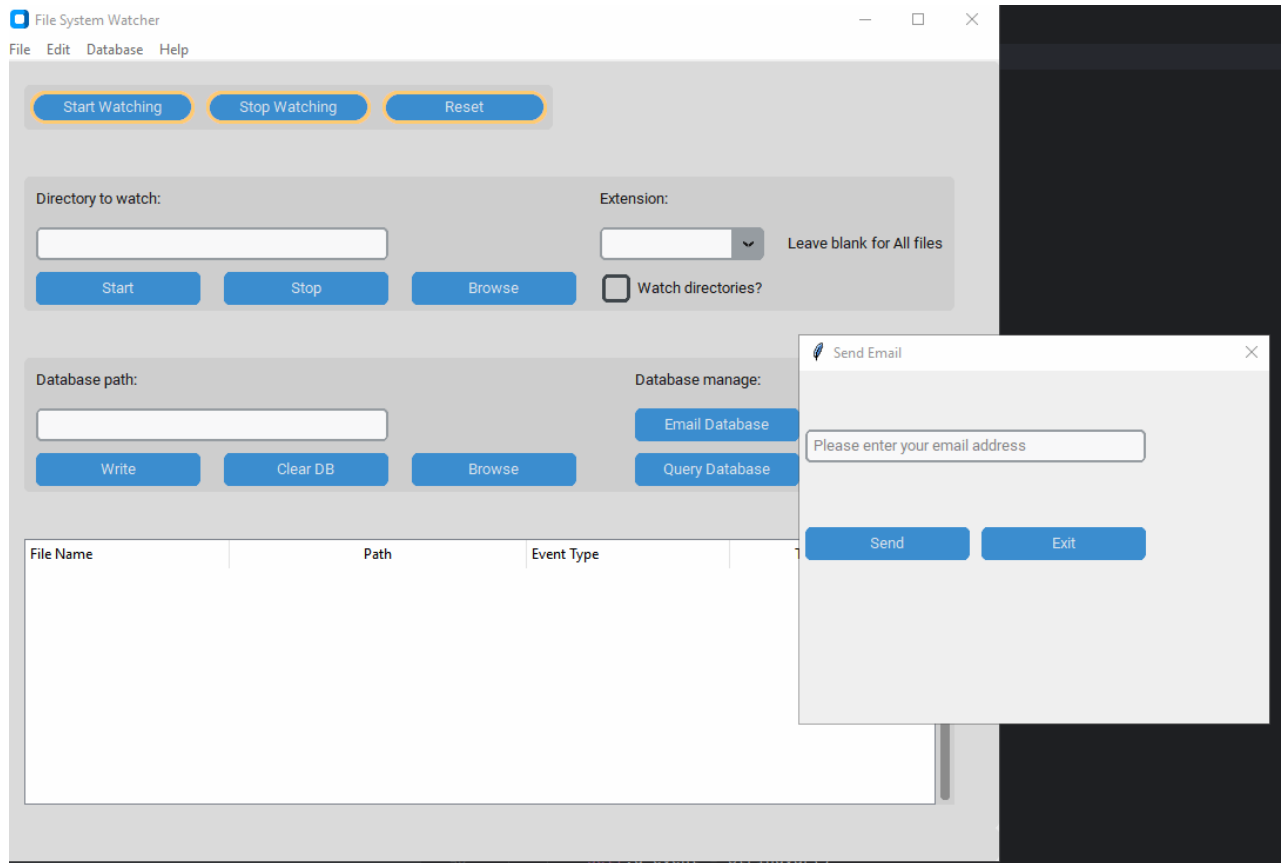
Exit popup (ask users if they want to save data)



## File System Watcher

Start Watching    Stop Watching    Reset

Directory to watch:

[                    ]
Start    Stop    Browse    All files

Do you want to save
current data?

Yes

No

Cancel

Database path:

[                    ]
Write    Clear DB    Browse

File System Watcher Events:

| File Name | Path | Event Type | Time Stamp |

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## File System Watcher

Start Watching    Stop Watching    Reset

Directory to watch:

[                    ]

Extension:

[          ] ⌄    Leave blank for All files

Start    Stop    Browse    ☐ Watch directories?

### Save

Save As:  [                    ]

Tags:  [                    ]

Where:  📁 Documents ⌄    ⌄

Format:  CSV files (.csv)

Cancel    Save

Database path:

[                    ]
Write    Clear DB

File System Watcher Events:

| File Name | Path | Event Type | Time Stamp |