Second Iteration Deliveries

Submitting Team: Team-One

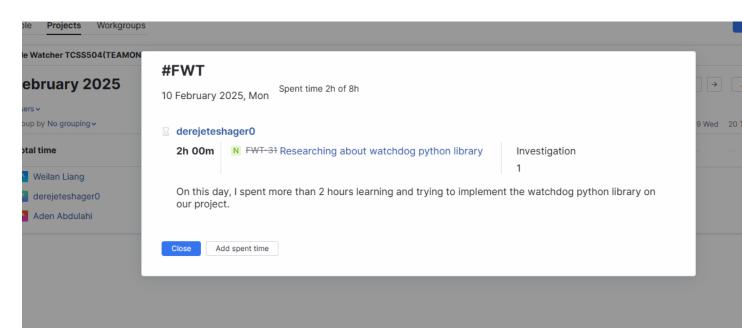
1. Screenshots:

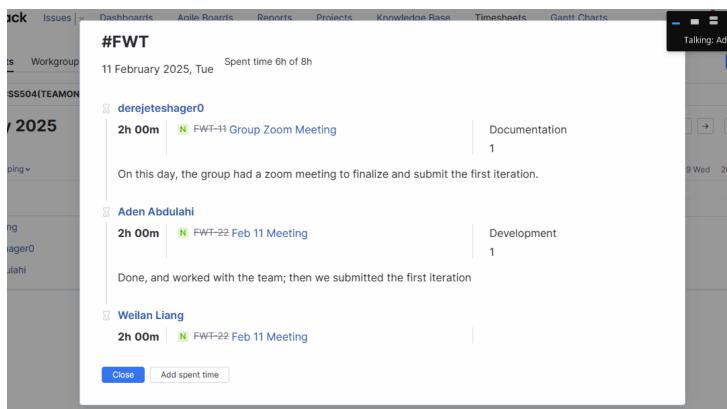
✓ Iteration 2, from Feb 10 to Feb 16

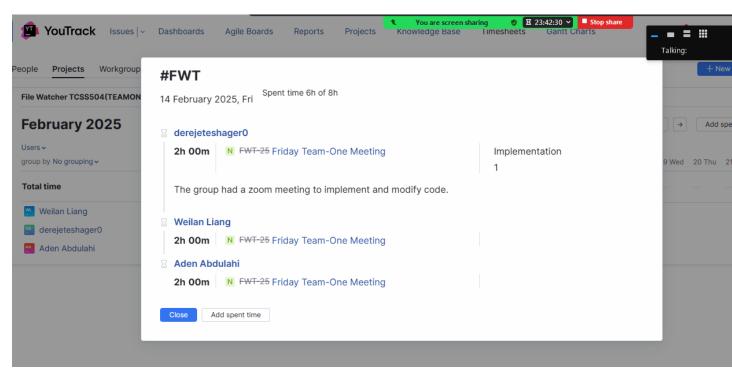
						Feb 2025		
	10 Mon	11 Tue	12 Wed	13 Thu	14 Fri	15 Sat	16 Sun	1
1	2h 00m	6h 00m	1h 00m	4h 00m	6h 00m	2h 00m	5h 00m	4
		2h 00m	1h 00m	2h 00m	2h 00m	1h 00m	2h 00m	1
	2h 00m	2h 00m		2h 00m	2h 00m			1
		2h 00m			2h 00m	1h 00m	3h 00m	

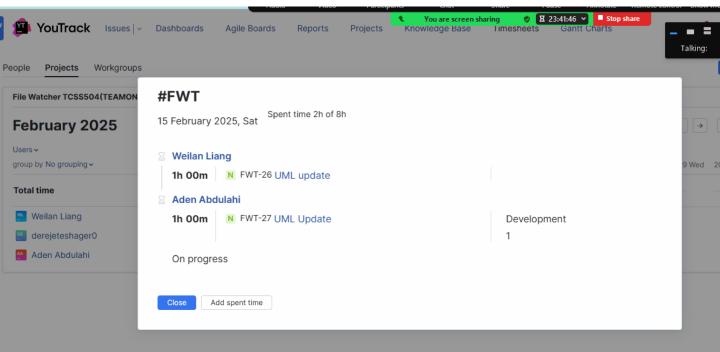
Total hours spent: 26h

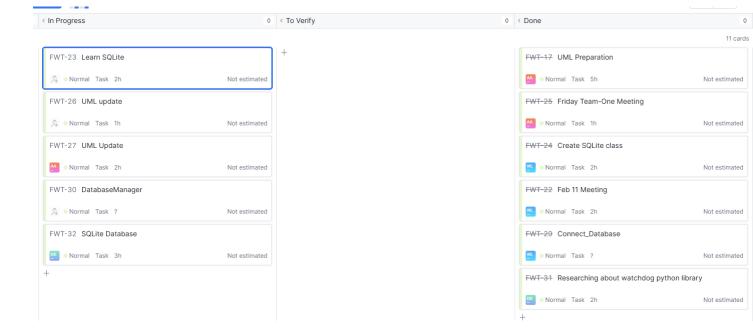
Weilan Liang:10h Dereje Teshager: 8h Aden Abdulahi: 8h



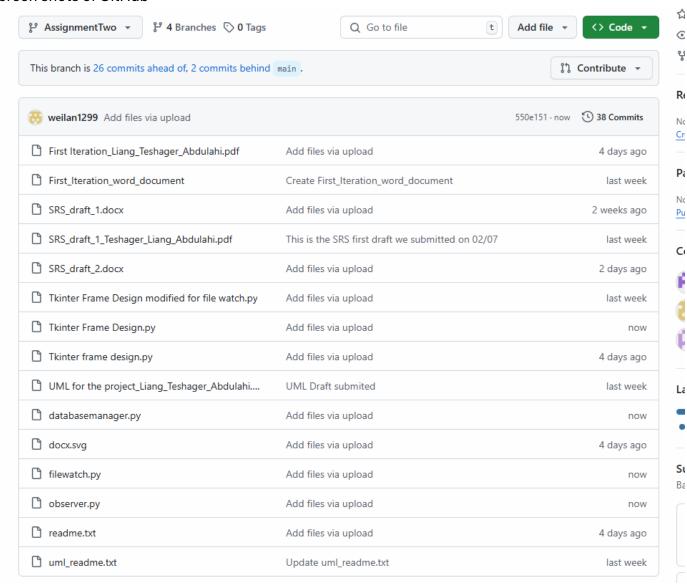


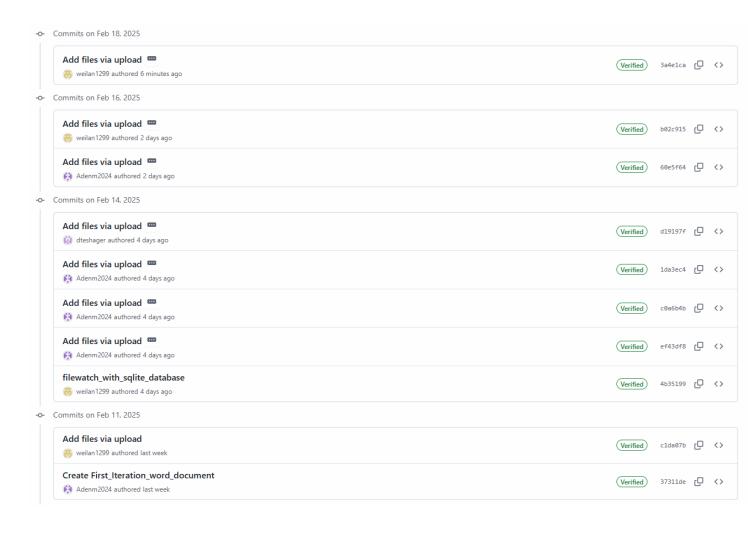






2. Screen shots of GitHub





3. Screen shot of code sample

```
class DatabaseManager(Observable): 3 usages
def __init__(self, database):
    self.conn = None
    self.database = database
    self.cursor = None
    self.need_update = False
    self.create_table()
    if self.conn is None:
         self.conn = sqlite3.connect(self.database, check_same_thread=False)
        self.cursor = self.conn.cursor()
def create_table(self): 1usage
    self.connect()
    self.cursor.execute("""
                     CREATE TABLE IF NOT EXISTS filewatch (
                             event_type TEXT,
    self.conn.commit()
def log_event(self, filename, path, event_type, timestamp): 1 usage (1 dynamic)
    self.connect()
         self.conn = sqlite3.connect(self.database)
         self.cursor = self.conn.cursor()
    query = "INSERT INTO filewatch (filename, path, event_type, timestamp) VALUES (?, ?, ?, ?)"
    data = (filename, path, event_type, timestamp)
     self.cursor.execute(query, data)
```

