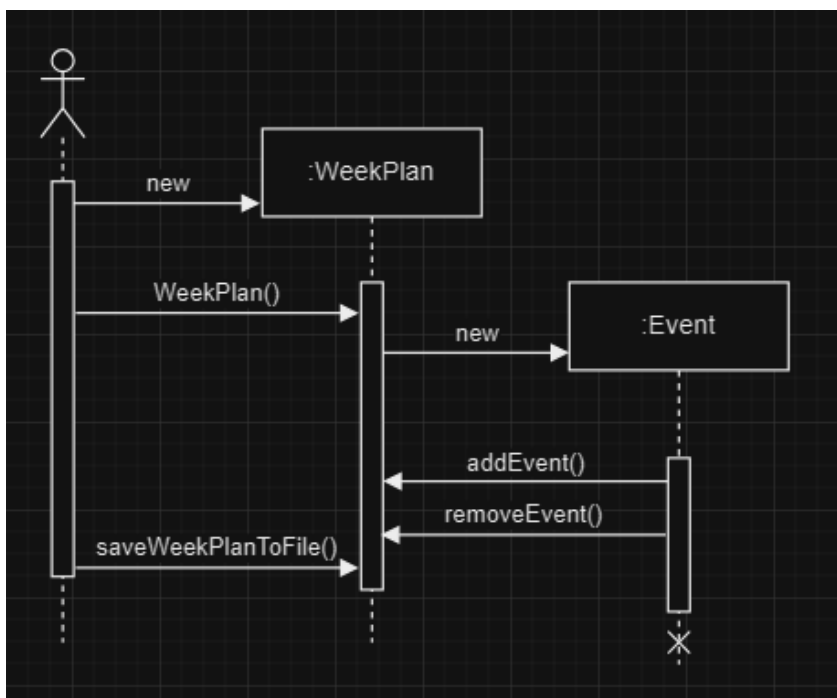
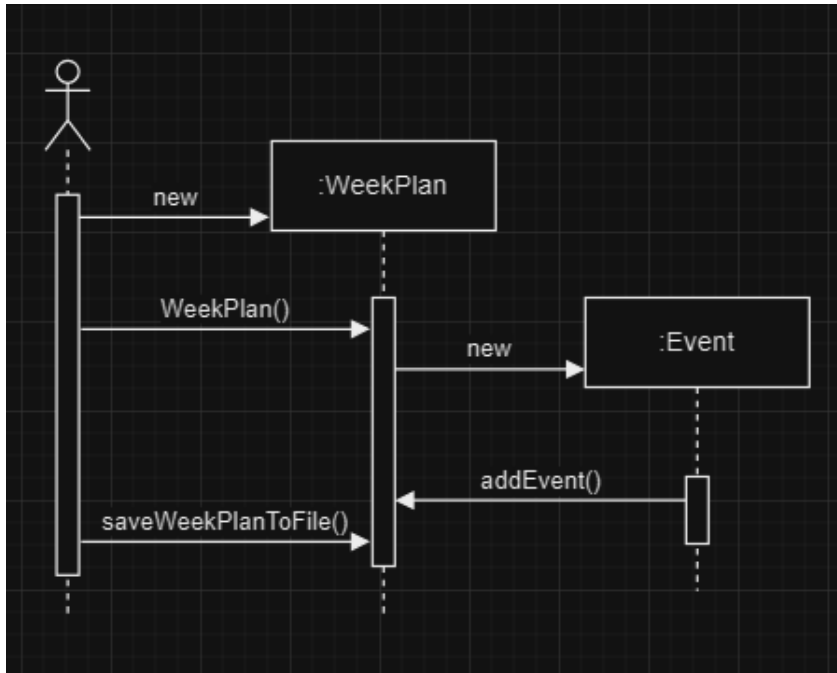
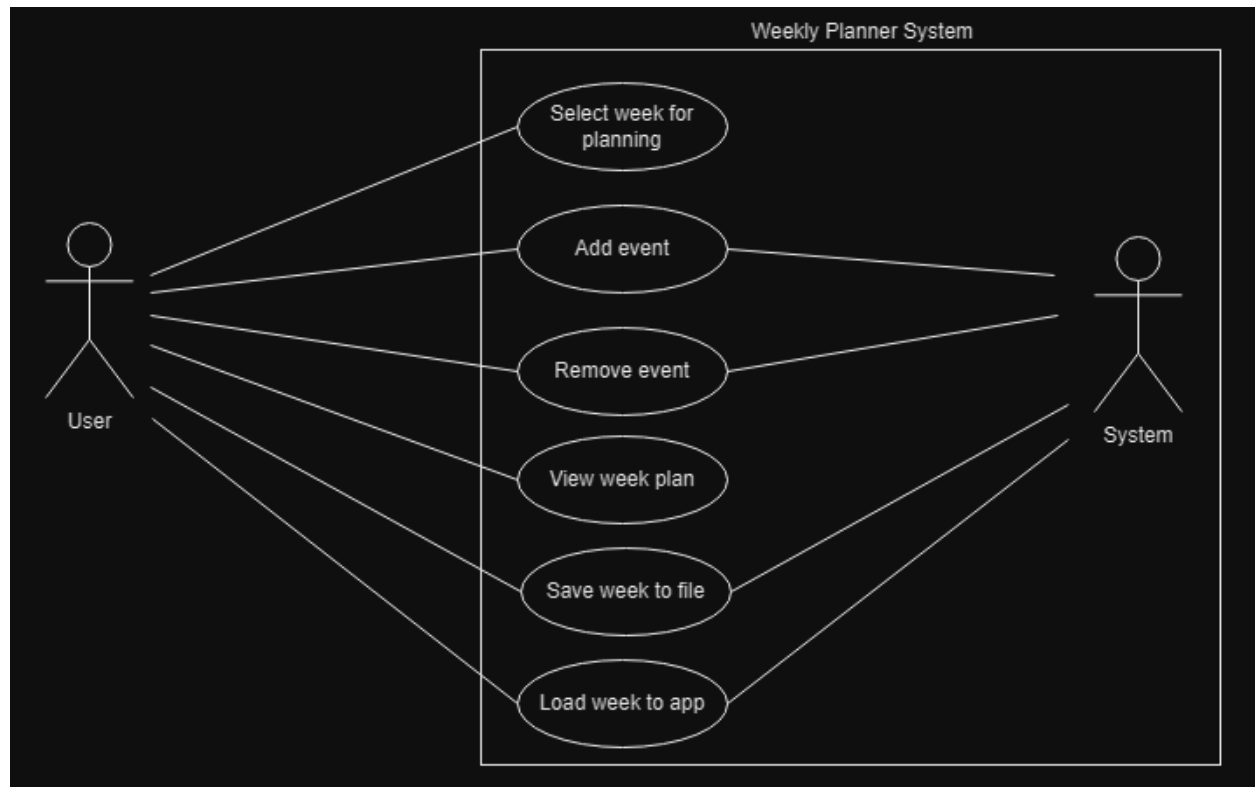


## Project Iteration 3

### 1. Sequence Diagrams



## 2. Use case diagram



### All use cases in two-column form

Use Case Name: Select week for planning

Actor: User

Preconditions: User is ready to plan their week with a start date in mind.

Description: The system will have selected the user's desired week for planning.

User Actions	System Response
1. User is ready to plan their week. 3. User selects their desired week.	2. System asks the user for their desired week to plan by presenting options. 4. System confirms the week has been selected and is ready for event planning.

Use Case Name: Add Event

Actor: User

Preconditions: User has selected a week for planning.

Description: The event is added to the user's weekly plan.

User Actions	System Response
1. User selects the "Add event" option. 3. User inputs details and submits.	2. System prompts the user for event details (name, start/end time, optional description). 4. System adds the event to the plan.

Use Case Name: Remove event

Actor: User

Preconditions: There is at least one event in the user's weekly plan to be deleted.

Description: The selected event is removed from the weekly plan.

User Actions	System Response
1. User selects an event to remove. 3. User confirms removal.	2. System asks the user to confirm the event that the user wants to remove. 4. System removes the event and updates the plan.

Use Case Name: View Week Plan

Actor: User

Preconditions: There have been events added to the weekly plan.

Description: The system prints out the events of the weekly plan.

User Actions	System Response
1. User selects the "View week plan" option.	2. System displays all the events for the selected week in a timetable format.

Use Case Name: Save week to file

Actor: User

Preconditions: There have been events added to the weekly plan.

Description: The week's plan has been saved as a file.

User Actions	System Response
1. User selects the "Save week to file" option. 3. User enters a file name.	2. System prompts the user for a file name. 4. System saves the plan as a file.

Use Case Name: Load week to app

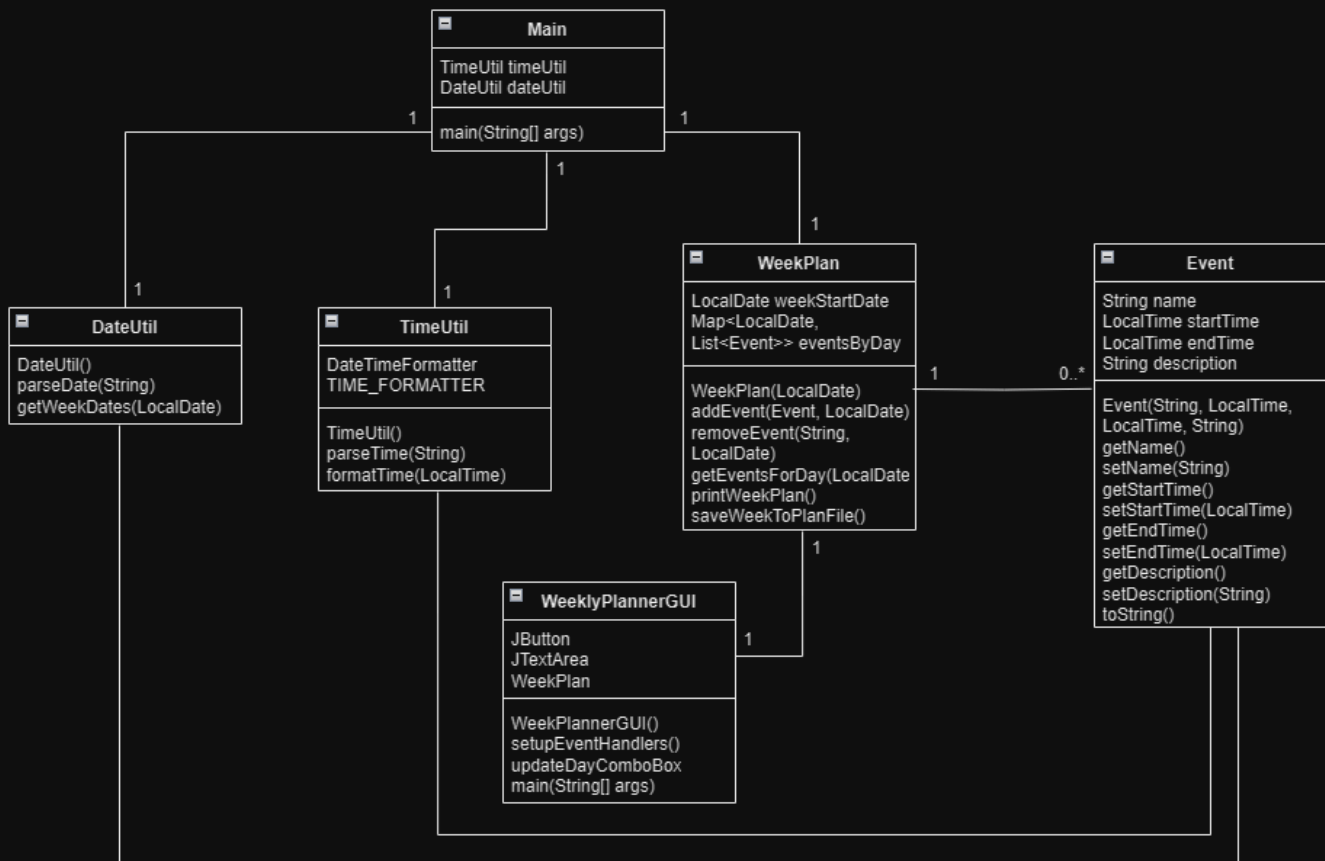
Actor: User

Preconditions: There is a file that has already been saved of the week plan.

Description: The week's file has been loaded into the weekly planner app.

User Actions	System Response
1. User selects the "Load week to file" option. 3. User enters a file name.	2. System prompts the user for the file name. 4. System inputs the plan into the app and allows users to edit or view the week.

### 3. UML Class Diagram



#### 4. System Use Cases

##### Test Case 1

Purpose: Verify that an event has been added to a week.

Setup: Run the application using eclipse from the GUI.

##### Test Data

Action	Input	Expected Output
Launch the application.		The app GUI appears with the "Add Event", "Remove Event", "View Week", "Save Plan", and "Load Plan" buttons.
Click the "Add Event" button.	Input "Test Event" for the event name, Date: 2024, 4, 20, start time 01:30 PM, End time 2:00 PM, description "test", and click ok button.	A new screen appears with fields asking for the name of event, date, start/end time, and optional description. "Event Added Successfully." appears when adding the event.
Click the "View Week" button		The GUI shows the event added to the particular day of the week showing the name, start/end time and description.

### Test Case 2

Purpose: Verify that an event is being removed from the week.

Setup: Have any event already added to the week plan.

#### Test Data

Action	Input	Expected Output
Click the "Remove Event" button.	Select "Test Event - 2024-04-20" and click ok.	A pop-up will allow you to choose the event you want to remove from a drop down menu.
Select the event you want to remove.		Pop-up showing that the event was removed successfully.
Click the "View Week" button.		The "Test Event" on the 20th should no longer be there.

### Test Case 3

Purpose: Verify that the week is being saved to a file.

Setup: Have any event already added to the week plan.

#### Test Data

Action	Input	Expected Output
Click the "Save Plan" button.	Input the file name, and click the "Save" button.	A screen will pop up asking for where you would like to store the file.
Find where you would like to store the file.		The file will save to the destination you chose in your computer and a pop-up will show "Plan saved successfully."

#### Test Case 4

Purpose: Verify that a week that has been saved to file can be loaded back again once the app has been closed down.

Setup: Have a week saved to a file already.

#### Test Data

Action	Input	Expected Output
Launch the application.	Find the destination of the file where you stored it in your computer and click the "Open" button.	The app GUI appears with the "Add Event", "Remove Event", "View Week", "Save Plan", and "Load Plan" buttons.
Click the "Load Plan" button.		A pop-up screen will tell you that the plan loaded successfully.
Click the "View Week" button.		You should be able to see the week and events that have been loaded in from the file.

## 5. Git Commits

Commits

main

All users

All time

Commits on Apr 21, 2024

README file

GwenGonzalez committed 7 minutes ago

Verified1955960

Iteration 3 PDF with diagrams and system test case

GwenGonzalez committed 9 minutes ago

Verifiedad7d424

updated diagrams for iteration 3

GwenGonzalez committed 14 minutes ago

Verified63218e2

Commits on Apr 20, 2024

fixed some minor bugs

tirasmisu and GwenGonzalez committed 14 hours ago

baee638

fixed GUI, renamed it

tirasmisu and GwenGonzalez committed 14 hours ago

7c164b5

Commits on Apr 19, 2024

Merge pull request #3 from UNF-CEN4010/GUI-Branch

tirasmisu committed 2 days ago

Verified78fc5a4

GUI

tirasmisu and GwenGonzalez committed 2 days ago

2e22d5e

Added GUI for the app

tirasmisu committed 2 days ago

Verifiedc554eef