Event Horizon Test Report

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Note: Test cases that pass after passing the last test are to not be shown to provide clarity to the document. A test case will appear again if an error occurs with them.

Test Cases:

Test One:

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			Calendar Navigation			
CN-01	Switch between day, week, and month views.	Switch the view to the corresponding button.	Press the view buttons to switch.	✅ Pass		
CN-02	Navigate to different dates depending on view	Goes to the next or previous day/week/month.	Press the previous/next buttons for each view	✅ Pass		
CN-03	Check if the system handles leap years	Should have February 29th.	Go to February 2024	✅ Pass		
			Event Creation			

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
EC-01	Add new event with valid inputs	Event added.	Press add event, and fill out the form	✅ Pass		
EC-02	Add an event with an empty name field.	Error: Please fill in the required fields: (fields)	Press add event and fill out the form except for the name	✅ Pass		
EC-03	Add an event with invalid date/time format.	Error: Please enter a start and end time.	Press add event and fill out the form except for start/endtime	✅ Pass		
EC-04	Add an event where end time is earlier than start time.	Error: End time is earlier than start time.	Press add event amd fill the form so the end time is earlier than the start time	✅ Pass		
EC-05	Create overlapping events?	Warning: That time overlaps with <Event Name>	Press add event and fill the form with the same time as another.	❌Fail	Creating overlapping events doesn't provide any warning.	Not implemented.
EC-06	Add an event with	Adds an event with	Press add event and	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	a location	location.	fill out the form including a location			
EC-07	Add an event with notes	Adds an event with notes.	Press add event and fill out the form including the notes	✅ Pass		
Task Creation						
TC-01	Add a new task with valid inputs	Adds a task.	Press add task and fill out the form	✅ Pass		
TC-02	Add a task with an invalid deadline	Error: Deadline already past.	Press add task and fill the form with a deadline in the past	✅ Pass		
TC-03	Add a task with notes	Add a task with notes.	Press add task and fill out the form including the notes field.	✅ Pass		
TC-04	Add a task with no deadline	Error: Task requires a deadline.	Press add task and fill out the form	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			excluding the deadline field.			
Event and Task Display						
ETD-01	View the calendar and check that tasks and events are displayed corrected	Shows up on the calendar and event panel.	After adding an event/task it should appear on all views on the same date.	❌Fail	In the day view, the output is a day later.	
ETD-02	Filter the events and tasks	Events and categories filter on the event panel, and calendar.	Enter some data of an existing event to see if the search bar can parse	❌Fail	Only handles the data displayed on the event/task panel and doesn't read data.	
ETD-03	See if event/task details info can be viewed.	Display the info.	After creating a task/event, press the info button.	✅ Pass		
Event/Task Editing						
ETE-01	Edit an existing	The event updates	Edit an event's	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	event, change name, start/end time, location or notes.	with the new info.	fields 1 by 1 to see if each field will update.			
ETE-02	Edit an existing task, change name, notes, or deadline.	The task updates with the new info.	Edit a task by each field 1 by 1 to see if each field will update.	✅ Pass		
ETE-03	Attempt to edit an event with conflicting time?	Warning: That time overlaps with \<Event Name\>	Edit an existing event and modify the date fields to have the same time as another.	❌ Fail	Editing an event to overlap another doesn't provide a warning.	Not implemented
ETE-04	Edit task to have an invalid deadline.	Error: Deadline is past.	Edit an existing task and put a date that has passed.	✅ Pass		
		Event/Task Deletion				
ETDe-01	Confirm deletion	Prompt to confirm	Pressing the delete	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	of an event or task with a prompt.	pops up.	button prompts the user			
ETDe-02	Delete an event.	Deletes the event.	Confirming the prompt deletes the event.	✅ Pass		
ETDe-03	Delete a task.	Deletes the task.	Confirming the prompt deletes the task.	✅ Pass		
Edge Cases						
ECa-01	Add an event or task with a long name	Error: Please enter a shorter name	For a task or event add a name longer than the assigned character limit.	✅ Pass		
ECa-02	Add an event or task with long description	Error: Please enter a shorter description	For a task or event add a description longer than the assigned character limit	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
ECa-03	Add an event with a long location	Error: Please enter a shorter location name	For an event, add a location longer than the assigned character limit.	✅ Pass		
Notifications						
NO-01	Check if notifications are set up correctly for events and tasks.	Notification pops up, displays the name of the event.	When time passes the start time of an event or deadline of a task.	❌Fail	Nothing displays when an event or task passes.	Not implemented
Performance						
PE-01	Check to see if the system can handle saving a lot of different events/tasks	Minimal struggle	Save a CSV file with a lot of tasks and events.	❌Fail	No export CSV file	Not implemented
PE-02	Check to see if the system can	Minimal struggle	Load a CSV file with a lot of tasks	❌Fail	No import CSV file	Not implemented

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	handle loading a lot of different events/tasks		and events.			
		File Handling				
FH-01	Upload file and read all the text	File uploaded and text read	Upload a file and in the backend set up to see if it gets read.	✅ Pass		
FH-02	Check for the most common words	Dictionary with the most common words to least common	Count all the words that aren't "filler" (ignore words like "the", "as", etc)	✅ Pass		
FH-03	Return the important words	Return any keywords that aren't "filler"	Fill out the notes with the most common 5 words.	✅ Pass		
FH-04	Parse other important stuff like dates or	Return dates, locations, etc.	Parse the dates and use it to fill out the form.	✅ Pass		

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	locations					

Test Two:

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
Event Creation						
EC-05	Create overlapping events?	Warning: That time overlaps with <Event Name>	Press add event and fill the form with the same time as another.	❌Fail	Creating overlapping events doesn't provide any warning.	Not implemented.
Event and Task Display						
ETD-01	View the calendar and check that tasks and events are displayed corrected	Shows up on the calendar and event panel.	After adding an event/task it should appear on all views on the same date.	❌Fail	Repeatability is broken and the day view still is a day behind.	
ETD-02	Filter the events and tasks	Events and categories filter on the event panel, and	Enter some data of an existing event to see if the	❌Fail	Only handles the data displayed on the event/task	

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
		calendar.	search bar can parse		panel and doesn't read data.	
Event/Task Editing						
ETE-03	Attempt to edit an event with conflicting time?	Warning: That time overlaps with <Event Name>	Edit an existing event and modify the date fields to have the same time as another.	❌Fail	Editing an event to overlap another doesn't provide a warning.	Not implemented
Notifications						
NO-01	Check if notifications are set up correctly for events and tasks.	Notification pops up, displays the name of the event.	When time passes the start time of an event or deadline of a task.	❌Fail	Nothing displays when an event or task passes.	Not implemented
Performance						
PE-01	Check to see if the system can handle saving a	Minimal struggle	Save a CSV file with a lot of tasks and events.	❌Fail	No export CSV file	Not implemented

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	lot of different events/tasks					
PE-02	Check to see if the system can handle loading a lot of different events/tasks	Minimal struggle	Load a CSV file with a lot of tasks and events.	❌Fail	No import CSV file	Not implemented

Test Three:

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			Event Creation			
EC-01	Add new event with valid inputs	Event added.	Press add event, and fill out the form	❌Fail	After 4 events, the system will delete a random one	
EC-05	Create overlapping events?	Warning: That time overlaps with <Event Name>	Press add event and fill the form with the same time as	❌Fail	Creating overlapping events doesn't provide any	Not implemented.

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			another.		warning.	
			Event and Task Display			
ETD-01	View the calendar and check that tasks and events are displayed corrected	Shows up on the calendar and event panel.	After adding an event/task it should appear on all views on the same date.	❌Fail	After 4 events on the same day, the event container is full and a new event gets deleted.	
ETD-02	Filter the events and tasks	Events and categories filter on the event panel, and calendar.	Enter some data of an existing event to see if the search bar can parse	❌Fail	Only handles the data displayed on the event/task panel and doesn't read data.	
			Event/Task Editing			
ETE-03	Attempt to edit an event with conflicting time?	Warning: That time overlaps with <Event Name>	Edit an existing event and modify the date fields to have the same time as another.	❌Fail	Editing an event to overlap another doesn't provide a warning.	Not implemented

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			Notifications			
NO-01	Check if notifications are set up correctly for events and tasks.	Notification pops up, displays the name of the event.	When time passes the start time of an event or deadline of a task.	❌Fail	Nothing displays when an event or task passes.	Not implemented
			Performance			
PE-01	Check to see if the system can handle saving a lot of different events/tasks	Minimal struggle	Save a CSV file with a lot of tasks and events.	❌Fail	No export CSV file	Not implemented
PE-02	Check to see if the system can handle loading a lot of different events/tasks	Minimal struggle	Load a CSV file with a lot of tasks and events.	❌Fail	No import CSV file	Not implemented

Test Four:

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			Event Creation			
EC-01	Add new event with valid inputs	Event added.	Press add event, and fill out the form	✅ Pass	No longer a limit on 4 events on the same day	
EC-05	Create overlapping events?	Warning: That time overlaps with <Event Name>	Press add event and fill the form with the same time as another.	❌ Fail	Creating overlapping events doesn't provide any warning.	Not implemented.
			Event and Task Display			
ETD-01	View the calendar and check that tasks and events are displayed corrected	Shows up on the calendar and event panel.	After adding an event/task it should appear on all views on the same date.	✅ Pass	Repeatability works, tasks/events now display on the correct day instead of the day before.	
ETD-02	Filter the events and tasks	Events and categories filter on the event panel, and calendar.	Enter some data of an existing event to see if the search bar	❌ Fail	Only handles the data displayed on the event/task panel and	

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
			can parse		doesn't read data.	
Event/Task Editing						
ETE-03	Attempt to edit an event with conflicting time?	Warning: That time overlaps with <Event Name>	Edit an existing event and modify the date fields to have the same time as another.	❌Fail	Editing an event to overlap another doesn't provide a warning.	Not implemented
Notifications						
NO-01	Check if notifications are set up correctly for events and tasks.	Notification pops up, displays the name of the event.	When time passes the start time of an event or deadline of a task.	❌Fail	Nothing displays when an event or task passes.	Not implemented
Performance						
PE-01	Check to see if the system can handle saving a lot of	Minimal struggle	Save a CSV file with a lot of tasks and events.	❌Fail	No export CSV file	Not implemented

Test Case ID	Description	Expected Output	Input	Pass/Fail	Actual Output (Fail)	Notes
	different events/tasks					
PE-02	Check to see if the system can handle loading a lot of different events/tasks	Minimal struggle	Load a CSV file with a lot of tasks and events.	❌Fail	No import CSV file	Not implemented

Bug Reports:

BR-001: Day view shows events/tasks the day before.
Description: For the day view, whenever there are tasks or events added to the system, going to the current day wouldn't display them at the hours they should be at. Instead they would be displayed for the day before they're supposed to happen.
Fix: In the Javascript File, the new Date has time zones also which would confuse the system and have it set the tasks/events to the day before. To fix this setting the date hours to the very start or the very end works before implementing the time works.

BR-002: Repeatability doesn't work
Description: Whenever the repeatability for an event is set to weekly, monthly, or yearly, the events wouldn't appear on the calendar.
Fix: This happened because the function getOccurrences() wasn't being called.

BR-003: Adding an event to the same day as 4 other events deletes a random one
Description: Whenever an event is added to a date where there are already 4 events, one of the events would get randomly deleted.

Fix: The reason this happens is because the eventContainer was not set up to scroll and because of that there was a fixed size for where the event has to go. If it was full, then the system would delete one of the other events to make room.