

Usability Test Protocol – Search & Filter in My Events

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1. Test Objective

The objective of this usability test is to evaluate the impact of adding **real-time search and filtering functionalities** in the *My Events* section.

Initial usability testing revealed a major issue: users struggled to find their created events efficiently. They had to manually scroll through a long event list, making the process time-consuming and frustrating. Based on this feedback, **real-time search and filter features were implemented** to allow users to:

- Instantly search for events by name as they type.
- Dynamically filter events based on date and time without needing to refresh or click an apply button.

This test assesses whether these new features improve usability and user experience.

2. Test Participants

- **Participant: Suhas** - A user with no prior experience with our application.
- **Observer:** Mohith Tummala - Responsible for recording user behavior and feedback.
- **Moderator:** Arvind Nataraj - Facilitates the test and provides guidance.

3. Test Scenario & Tasks

Scenario:

"You have to create an Event in the application and now want to find a specific event created in the *My Events* section."

Tasks:

1. Log in to the application.
2. Create an Event feasible to his date and time.
3. Navigate to the *My Events* section.
4. Search for the specific event created by him.

4. Test Environment & Equipment

- The test was conducted on a standard laptop using the web application.
- Equipment Used: Observer's notes for documentation.

5. Test Roles

- **Moderator:** Provided instructions and observed participant behavior.
- **Observer:** Took notes on user reactions, difficulties, and feedback.

6. Data Collection

- **Observer Notes:** Recorded usability challenges and unexpected user behavior.
- **Post-Test Feedback:** Gathered user insights about the new features.

7. Test Findings

Before Search & Filter Implementation:

- Users struggled to find specific events in a long event list.
- Many expected a search bar but were frustrated when they couldn't find one.
- Filtering by date was not possible, leading to manual scrolling and confusion.

After Real-Time Search & Filter Implementation:

- Users quickly found their events using the real-time search bar, which filtered results as they typed.
- Filtering by date dynamically updated the event list, making it easy to refine search results.
- User experience significantly improved, as participants no longer needed to scroll manually

8. Identified Usability Issues & Improvements

Issues Before Implementation:

- No search or filter options made finding events difficult.
- Users had to manually scroll through all events.
- A lack of event organization led to frustration.

Fixes Implemented:

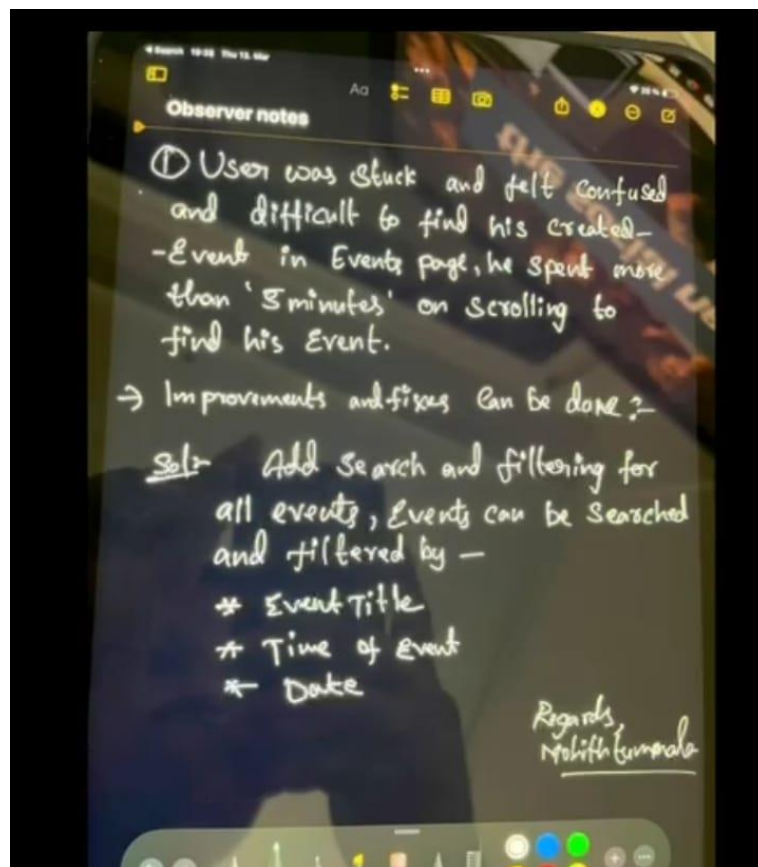
- **Real-Time Search Added:** Users can now type event names and see results update instantly.
- **Dynamic Filtering by Date & Time:** Events are automatically updated as the user adjusts the filter.
- **Improved UI:** The search and filter functions are prominently placed for better visibility.

9. Conclusion

This usability test **validated that real-time search and filtering significantly enhanced user experience** by making event retrieval instant and intuitive. Users can now quickly locate their events without the need for excessive scrolling or waiting for manual updates.

The test confirms that the **new search and filter system works effectively**, with no major usability concerns. The implementation successfully addressed previous user frustrations, leading to a more **seamless and efficient event management experience**.

Observer Feedback:



Improved Implementation:

PlanD

Home

Create Plan

Events

Logout

My Events

All Events

bi

Select Time

AM

Select Date

birthday

Date:

3/19/2025, 12:00:00 AM

Created by:

pdummy145@gmail.com

Arvind Birthday

Date:

3/20/2025, 12:00:00 AM

Created by:

pdummy145@gmail.com

No more events to show