

# Usability Testing Report

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## **Participant information**

- **Number of participant:** 1
- **Participant description:** one of my family member (my father)

## Test setup

- **Testing date:** 10/10/2025 at around 8 - 9 p.m
- **Testing environment:** my own desktop using Microsoft Edge browser with 2560 x 1440 (QHD) resolution
- **Testing method:** take notes manually while doing in-person observation

## Test tasks

Task No	Description	Goal
1	Create AI Image	A new AI Image show on the "AI Image" page
2	Edit newly created AI Image	When click on the submitted image, the new detail show up (can be many changes or 1) instead of the old one
3	Delete newly created AI Image	The newly created image will not show up again when access "AI Image" page

## Observations and feedbacks

Task	Observations / Issues	Participant feedback
Create AI Image	N/A	Suggest to switch from type in the image filename to upload the file directly
Edit newly created AI Image	N/A	Similar suggestion as previous task
Delete newly created AI Image	N/A	The UI feels “raw”, need improvement

## Changes made based on feedbacks

Issue identified	Change implemented	Rationale
Users needed to manually type in a filename when creating or editing an AI image, which was unintuitive.	Replaced the manual filename input field with a file upload option, allowing users to either upload or drag-and-drop the image they want to use.	This change simplifies the process and makes it more familiar for users, reducing the chance of input errors and improving the overall usability.
The overall interface looked visually plain and “raw”.	Updated the layout using Bootstrap components for forms, buttons, and cards. Added consistent spacing, responsive design improvements, and subtle colour enhancements.	Adopting Bootstrap’s modern design framework makes the interface cleaner, more professional, and easier for users to navigate and interact with.

## Summary and reflection

The usability test was overall successful. The participant was able to complete all three tasks — creating, editing, and deleting AI images - without major functional issues. However, the feedback highlighted areas for improvement in both **user interaction** (form input) and **visual design** (UI presentation).

From this testing session, I learned that even small interface details like how users provide file input can significantly affect their experience and perception of ease of use. Implementing the file upload feature made the process feel smoother and more intuitive.

The visual refinements using Bootstrap also enhanced the user experience by making the website appear more polished and consistent. These improvements collectively contribute to a more user-friendly and aesthetically pleasing interface that better meets modern usability expectations.