



NOVA SCHOOL OF  
SCIENCE & TECHNOLOGY

**Interação Pessoa-Máquina**

**2024/2025**

## **Troca Tintas**

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Stage 6 - Evaluation results and presentation of  
the final project



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## Heuristic Evaluation Feedback

From **Stage 5** (Heuristic Evaluation) of the project:

- **Problem 1:** Text has poor contrast with background  
**Heuristic Violated:** Aesthetics and Minimal Design  
**Severity:** 3  
**Proposed Solution:** Change the background to lighter colors and the text to darker colors to improve readability.  
**Justification:** This change is crucial for accessibility and to ensure that users with visual impairments can navigate effectively.
- **Problem 2:** No feedback when adding product to cart  
**Heuristic Violated:** Visibility of System Status  
**Severity:** 2  
**Proposed Solution:** Add a popup or notification confirming the product addition.  
**Justification:** Providing instant feedback reassures users that their action was successful, enhancing the user experience.
- **Problem 3:** Color Picker page title is incorrect  
**Heuristic Violated:** Consistency and Standards  
**Severity:** 3  
**Proposed Solution:** Rename the page title to “Color Picker” instead of “Color Comparator.”  
**Justification:** Correct and consistent labels prevent confusion and clarify the app’s purpose to users.
- **Problem 4:** Functionality purpose not explained  
**Heuristic Violated:** Help and Documentation  
**Severity:** 2  
**Proposed Solution:** Include a brief description at the top of each functionality page.  
**Justification:** It helps new users understand how to use each tool effectively, preventing frustration.
- **Problem 5:** No link between login and register forms  
**Heuristic Violated:** User Control and Freedom  
**Severity:** 1  
**Proposed Solution:** Add hyperlinks between the login and registration pages for smoother navigation.  
**Justification:** This increases the efficiency of the app and reduces unnecessary navigation steps.
- **Problem 6:** Can't change product amount before checkout  
**Heuristic Violated:** Flexibility and Efficiency of Use  
**Severity:** 2  
**Proposed Solution:** Allow users to modify product quantities in the cart.

**Justification:** This feature adds convenience, improving the user's ability to manage their cart before proceeding to checkout.

- **Problem 7:** Login and register forms with empty space

**Heuristic Violated:** Aesthetics and Minimal Design

**Severity:** 1

**Proposed Solution:** Adjust the form sizes to fit the content properly.

**Justification:** This visual correction improves the form's overall aesthetics and usability.

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### 3. Changes and Fixes Made

After receiving the evaluation feedback, the following issues have been addressed:

1. **Contrast and Visual Design:** Adjustments were made to improve readability.
2. **System Feedback:** A confirmation popup was added to notify users when a product is added to the cart.
3. **Consistency of Labels:** The "Color Picker" page now accurately reflects its functionality.
4. **Functionality Explanation:** Short descriptions were added to guide users on each page's purpose.
5. **Navigation Between Forms:** Links between login and register pages were added to streamline user flow.
6. **Cart Management:** The option to modify quantities directly in the cart was integrated.