UI Specification Document

Version II

Matan Hazan 315198796

Omer Kempner 322217472

Ori Kintzlinger 318929213

Arye Shapiro 313578379

Benny Skidanov 322572926

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3. חוויית משתמש:

על המערכת ליצור חוויית משתמש טובה בכדי לגרום למשתמשים להמשיך ולהשתמש במערכת. חוויית משתמש תלויה בפרמטרים שונים כמו:

a. זמן תגובה (ישנם מחקרים רבים על כיצד משתמשים מגיבים לזמני תגובה שונים, לדוגמה), גם ברגעי עומס של המערכת. המדדים הכמותיים לזמן תגובה הם תלויי הקשר

b. עזרה בטעויות נפוצות, לדוגמה, סיכול אותיות בעת הקלדה.

c. ממשק משתמש שהוא נוח לשימוש (גם במקרה זה ישנם מחקרים רבים על אילו תכונות נדרשות מממשק על מנת לספק חוויית משתמש טובה, לדוגמה).

d. ממשק משתמש התואם את התפקיד (role) עמו נכנס למערכת – אורח, קונה מנוי, בעל/מנהל חנות, מנהל מערכת. ממשק צריך להציג רק פעולות שניתן לבצע בהתאם לתפקיד והרשאות המשתמש.

Short Introduction

The purpose of this document is to define the term **Convenient User Interface**.

This term can include various objectives, e.g. size of components, distribution of elements in pages, etc. We shall define objectives, that together should assemble the term "Convenient User interface" and present indicators that can be checked technically to verify those objectives were fulfilled.

The objectives, in our opinion, to define the term **convenient UI**, are as follows :

Objective: Comfortable size of pages

Indicators: The page width is in the size of the user's screen; no left or right scrolling is required to reach all page elements crosswise.

Objective: Readable components

Indicators: The component's font will not be smaller than $14px$ (→ the minimum font size).

Objective: Button readability

Indicators: Every button has text (→ which indicates how it should be used) and has exactly one action when clicked on.
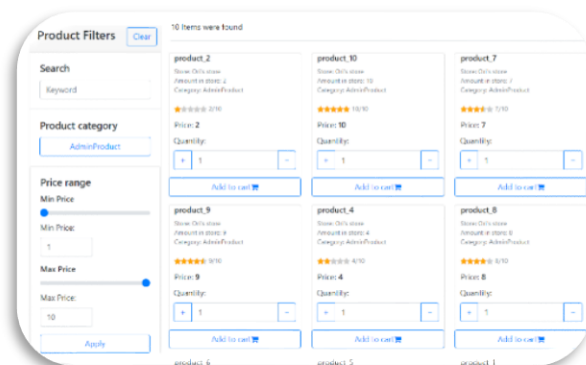
Objective: Consistency

Indicators: Throughout all the pages of the system, there should be a constant header/navigation bar in the top portion of the screen.
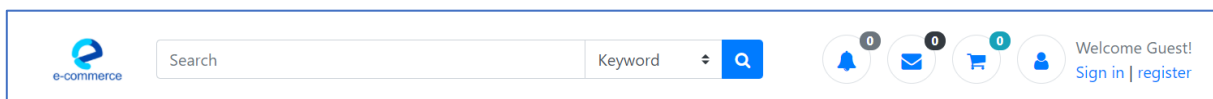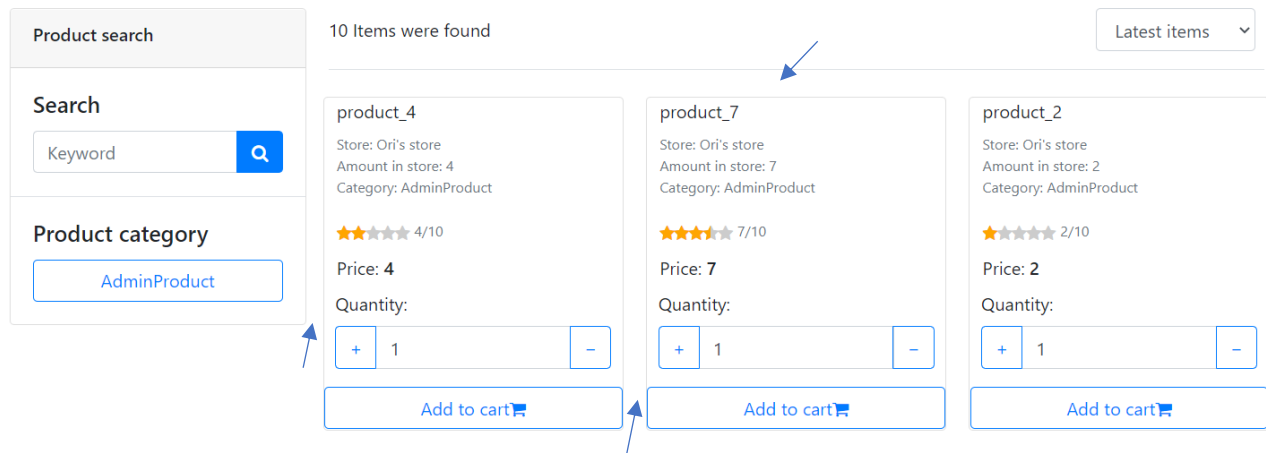

Objective: Abstraction

Indicators: There will be no more than 20 components (i.e. product, navigation bar, search text box, etc.) on a single page.

Objective: Spacing

Indicators: There will be a black space of at least $10px$ between every two adjacent components in a page (including page borders).

Product search

Search

Keyword

Product category

AdminProduct

10 Items were found

Latest items

product_4
Store: Ori's store
Amount in store: 4
Category: AdminProduct

★★☆☆☆ 4/10

Price: **4**

Quantity:

\+ 1 −

Add to cart🛒

product_7
Store: Ori's store
Amount in store: 7
Category: AdminProduct

★★★☆☆ 7/10

Price: **7**

Quantity:

\+ 1 −

Add to cart🛒

product_2
Store: Ori's store
Amount in store: 2
Category: AdminProduct

★☆☆☆☆ 2/10

Price: **2**

Quantity:

\+ 1 −

Add to cart🛒

Objective: No overlaps (derived from spacing)

Indicators: Every two components in a single page will never overlap any other component (excluding floating, temporary pop-ups).

Objective: Accessible colors

Indicators: Every page will be including only accessible (color blind adapted) colors, following the international standard :

MOST COMMON RED-GREEN COLOR DEFICIENCIES

NORMAL

DEUTERANOPIA

NORMAL

PROTANOPIA
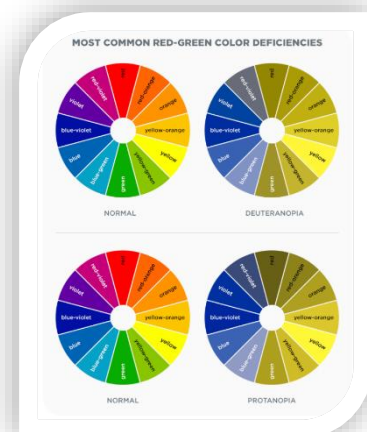
Objective: Basic security

Indicators: All typed passwords on every page will be hidden, I.e. will not be typed as plain text, and covered in some way (***** is a common example).
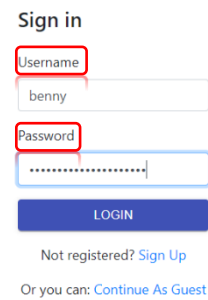
Sign in

Username

benny

Password

•••••••••••••••••••••

LOGIN
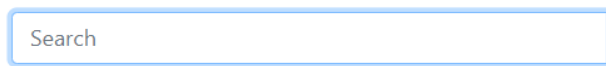
Not registered? Sign Up

Or you can: Continue As Guest

Objective: comprehensible forms

Indicators: Each text box in a form will have a title that indicates what should be filled in the current text box.

Objective: Responsive UI

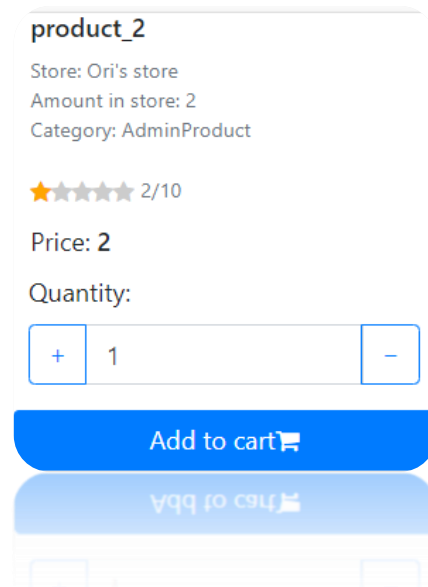indicators: Every button or text box the user floats above with the cursor, becomes highlighted or changes its color to signal the user the object he is focused on.