

# Accessibility Audit & Improvements

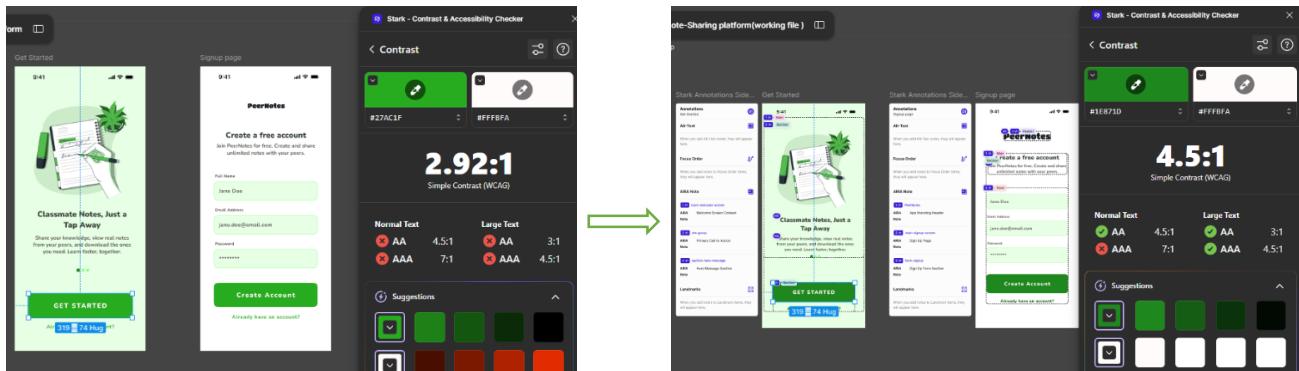
## ❖ General Accessibility Issues

### 1. Contrast problems

- **Issue:** Low color contrast in text and interactive elements reduces readability.
- **Fix:** Adjusted colors for better WCAG compliance ( in all screens )



- **Purpose:** Ensures text is legible for users with low vision or color blindness.



### 2. Semantic Clarity (Alt Text, ARIA Labels, Landmarks)

- **Issue:** Missing screen reader cues (e.g., unlabeled buttons, lack of landmarks).
- **Fix:** Added alt text for images, aria-label for icons, and landmark regions (via Stark plugin).
- **Purpose:** Improves navigation for assistive technologies like screen readers.

## ❖ Page-Specific Improvements

### ✓ Onboarding , login and signup pages

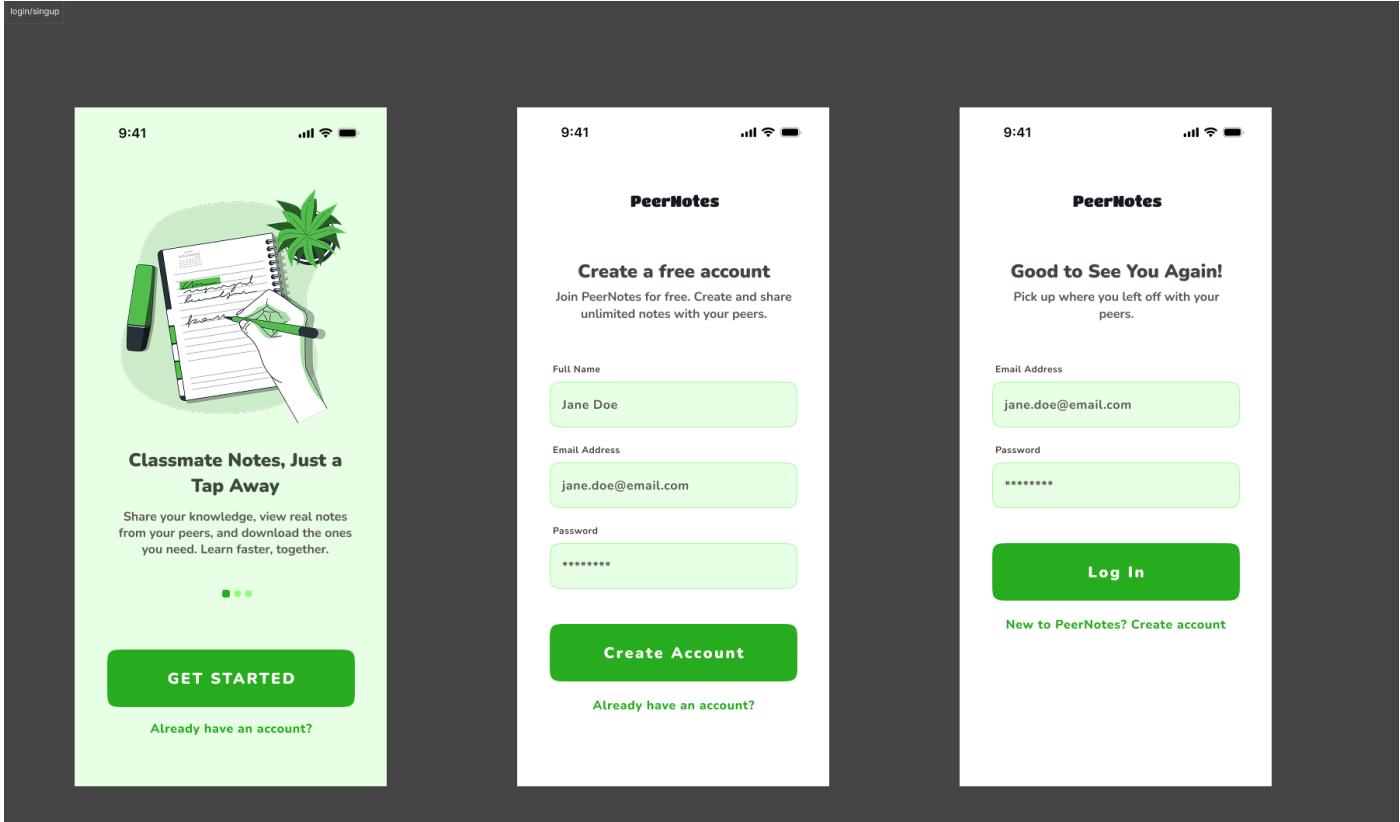


Figure 1: onboarding/login/signup (before)

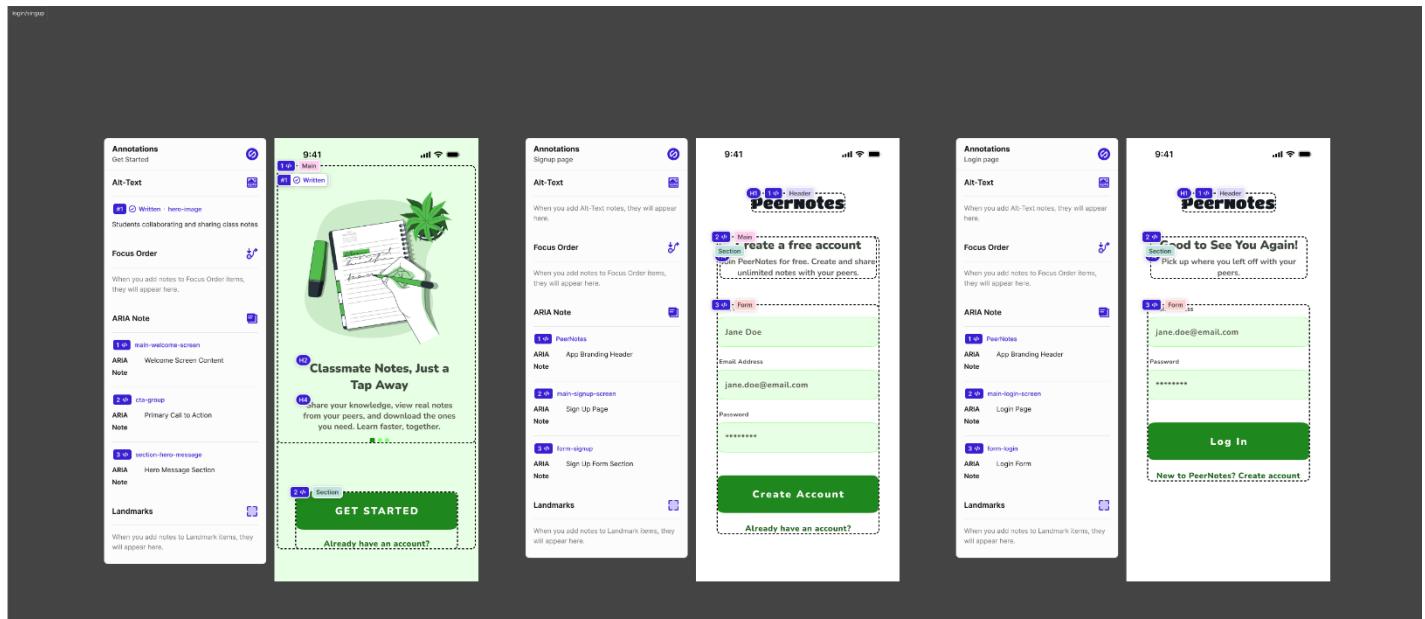


Figure 2: onboarding/login/signup (after)

## accessibility issues:

### 1. Contrast problems

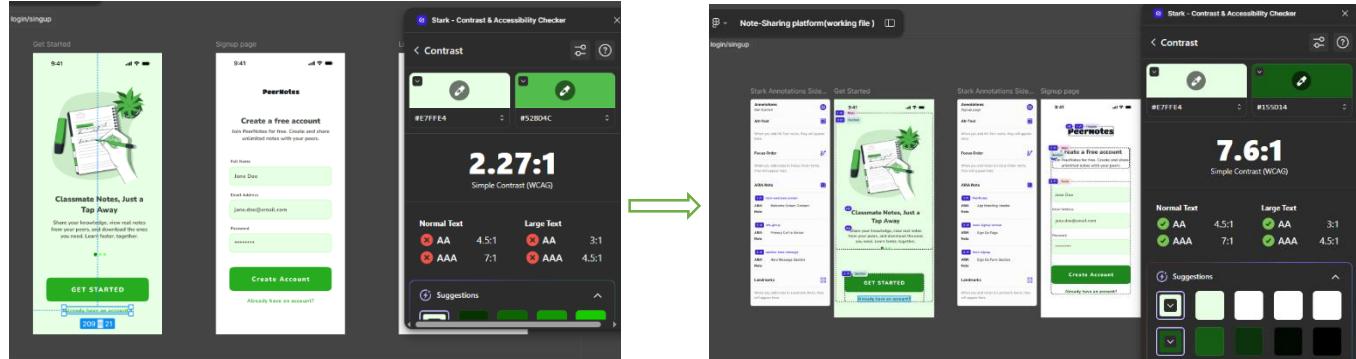
- Issue: Low-contrast text in secondary links (e.g., "Already have an account?").
- Fix: Adjusted color

From  : to 

#27AC1F                                   #155D14

*primaryGreen*                           *new linkGreenColor*

- Purpose: Enhances visibility for users with impaired vision.



## ✓ Home page

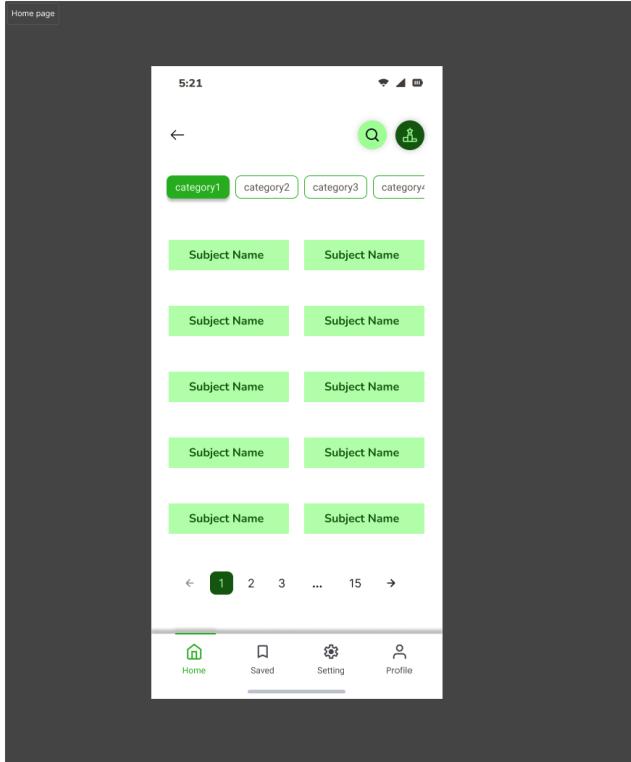


Figure 3 :home page (before)

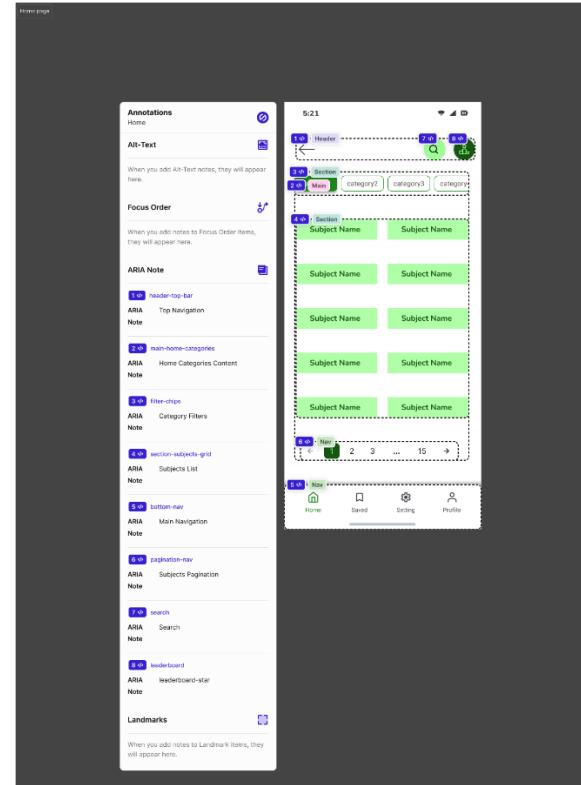
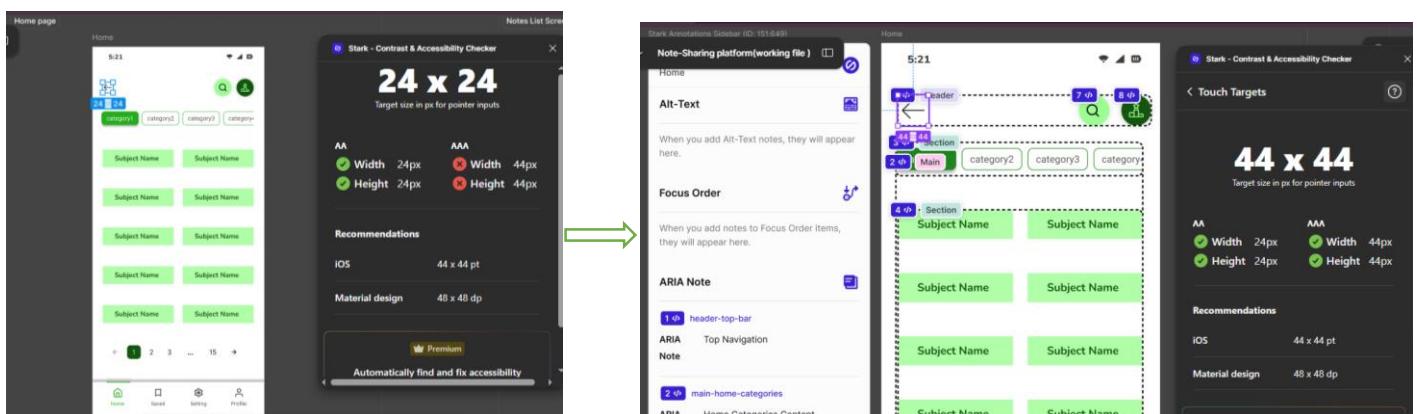


Figure 4: home page (after)

## accessibility issues:

### 1. Touch target sizes

- **Issue:** Small touch targets (24x24px) for top navigation icons.
- **Fix:** Expanded to 44x44px (WCAG minimum).
- **Purpose:** Prevents misclicks and aids users with motor impairments.



## ✓ subject1 Notes List page

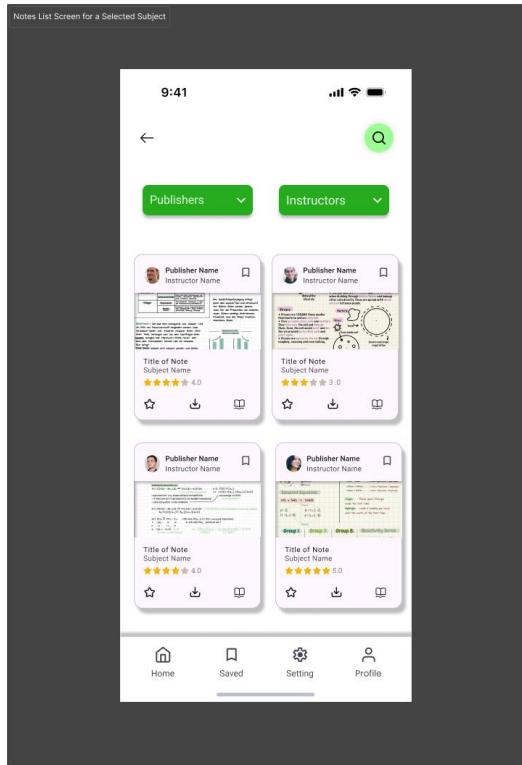


Figure 5 : subject1 Notes List page (before)

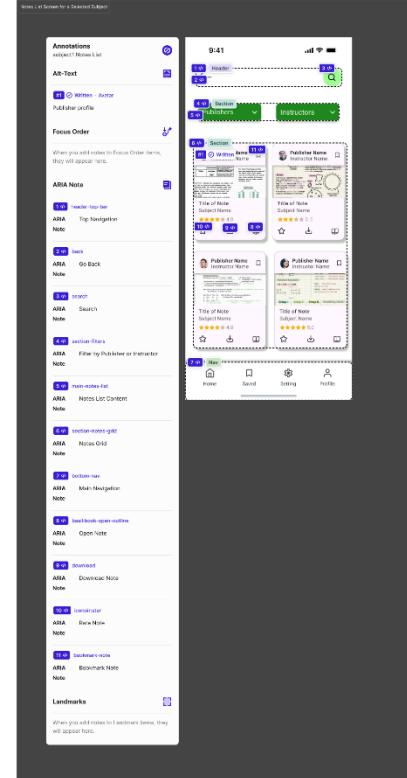
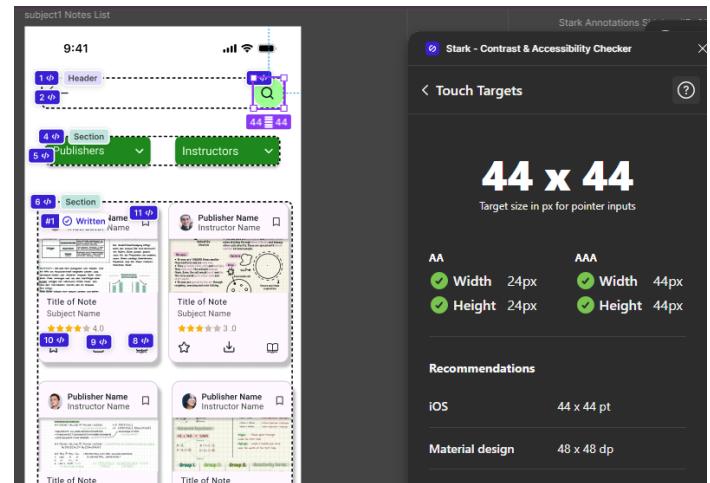
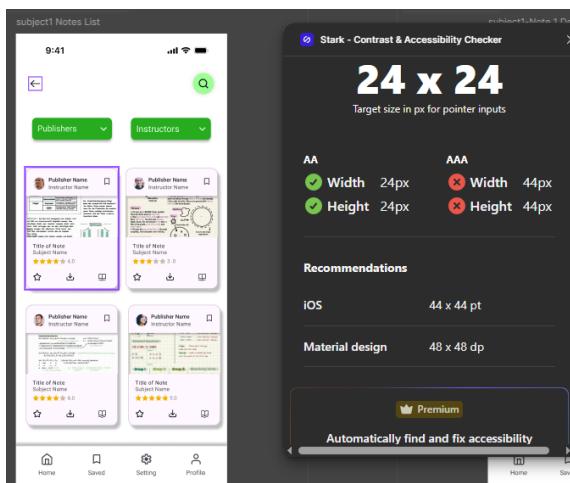


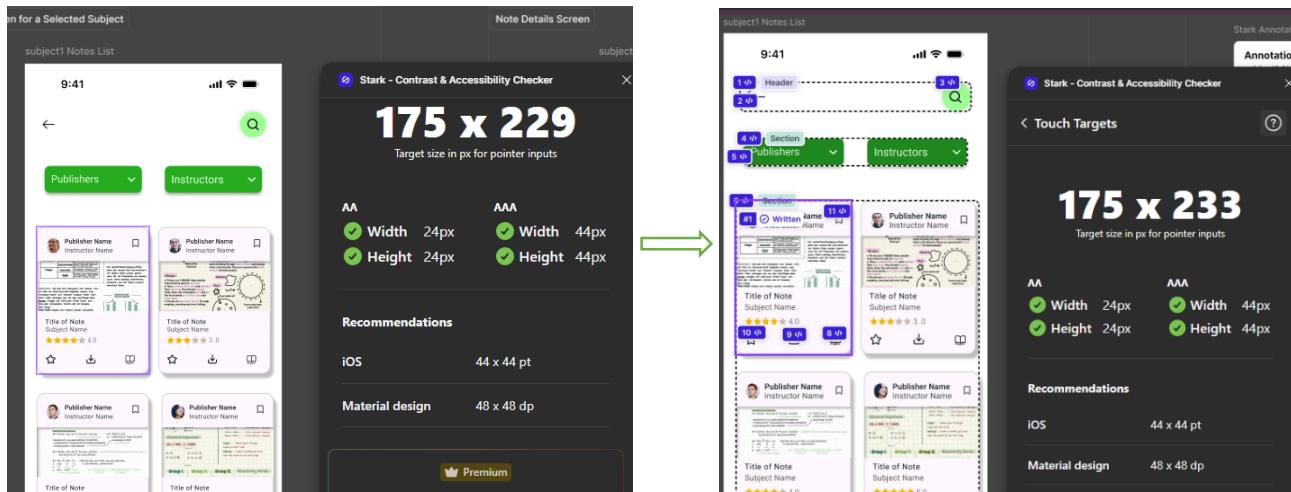
Figure 6: subject1 Notes List page (after)

## accessibility issues:

### 1. Touch target sizes

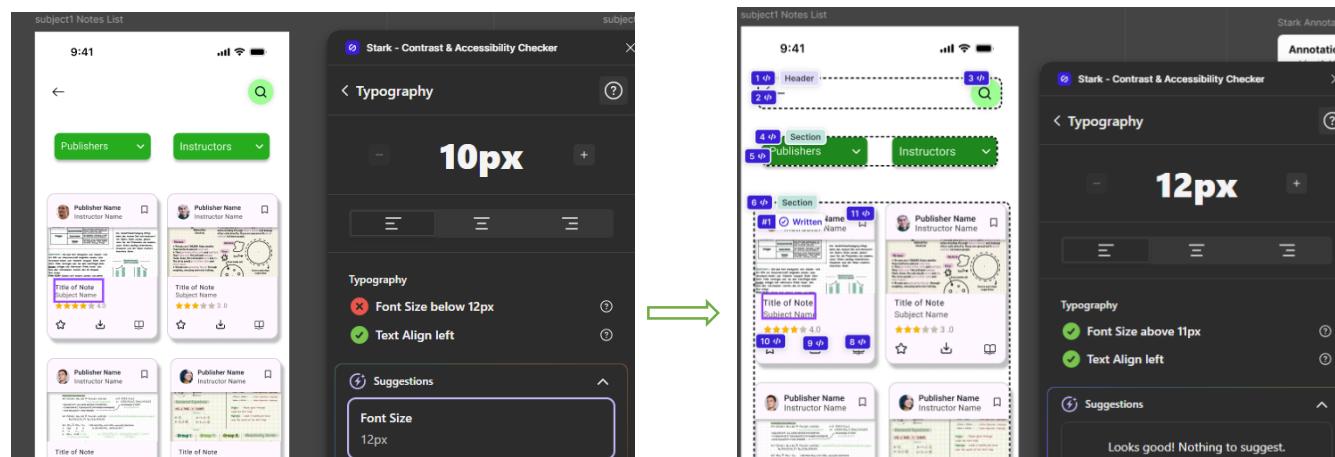
- Issue:** touch Cards and icons too small (24x24px).
- Fix:** Increased touch targets to 44x44px for icons and cards.
- Purpose:** Improves usability for touch devices .





## 2. Font legibility

- **Issue:** Body text too small (10px).
- **Fix:** Text size raised to 12px.
- **Purpose:** Improves readability.



## ✓ subject1-Note 1 Details page

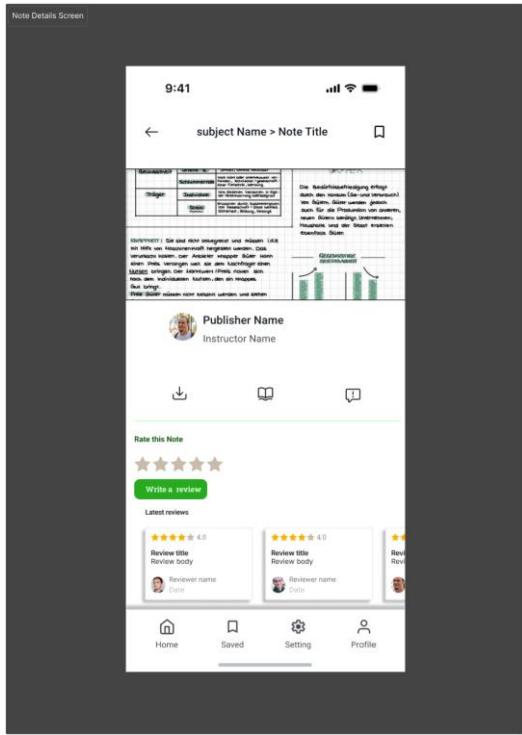


Figure 7 : subject1-Note 1 Details page (before)

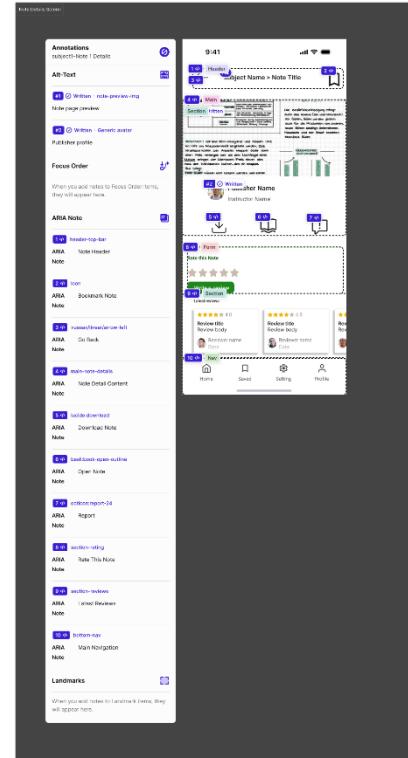
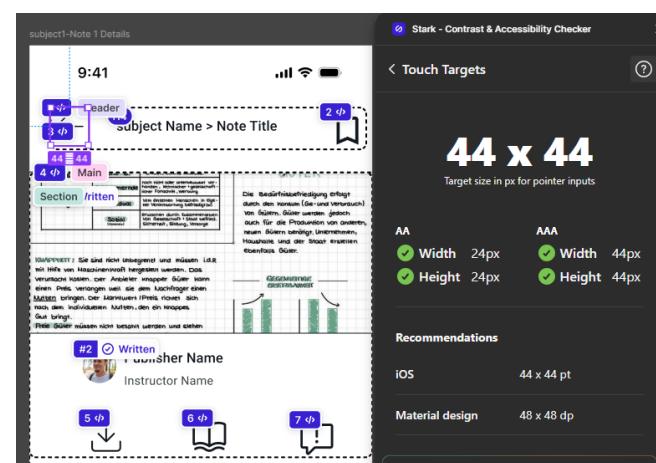
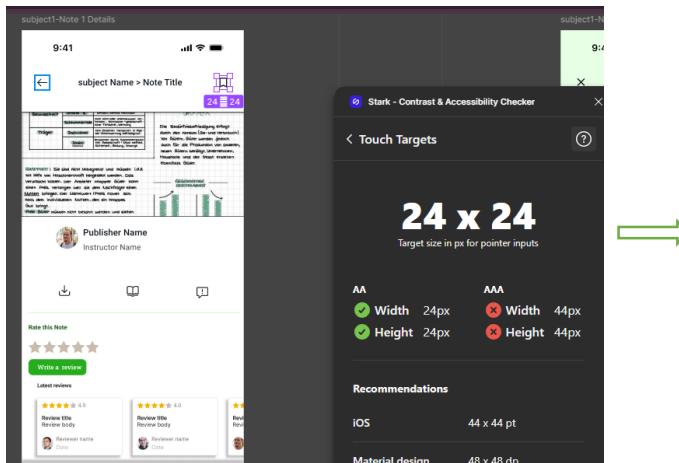


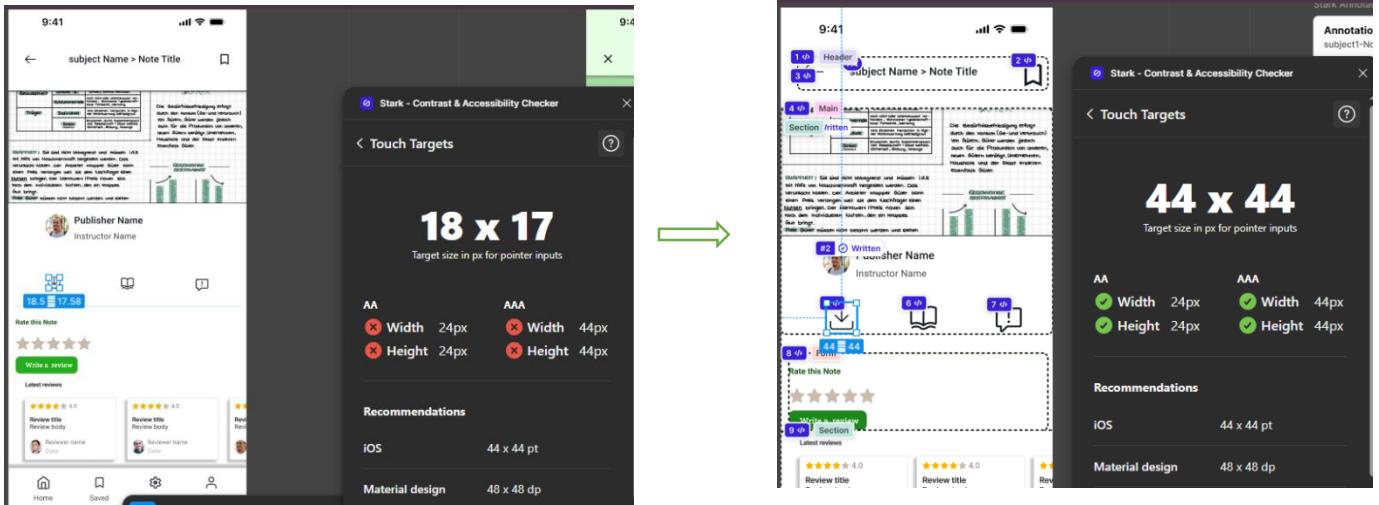
Figure 8: subject1-Note 1 Details page (after)

## accessibility issues:

### 1. Touch target sizes

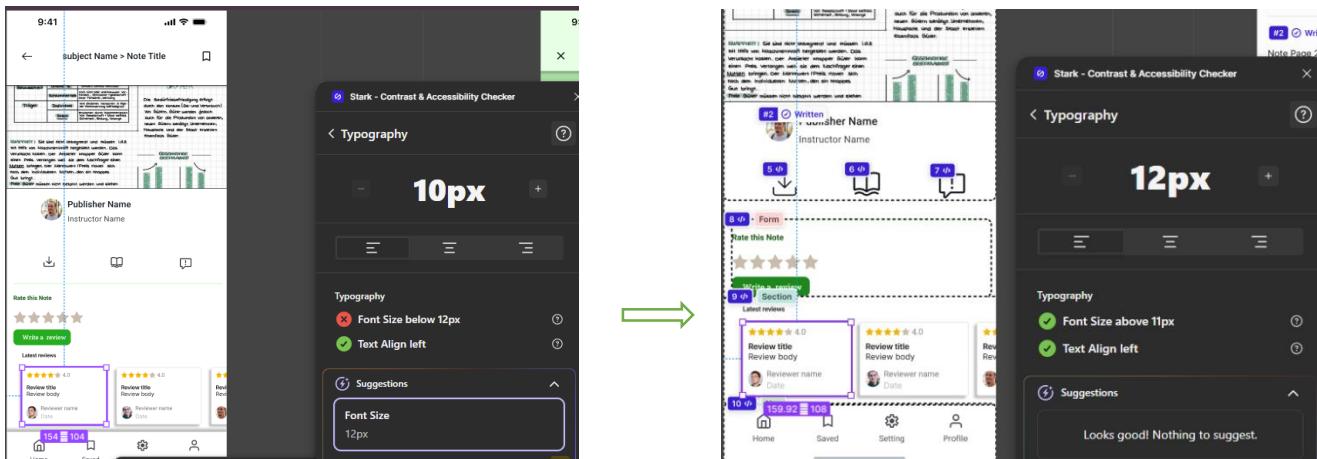
- **Issue:** Top and Action icons (e.g., back, download, open) too small.
- **Fix:** Icons enlarged to 44x44px.
- **Purpose:** Ensures ease of interaction.





## 2. Font legibility

- Issue:** Review card text hard to read (10px).
- Fix:** Text increased to 12px.
- Purpose:** Improves readability.



## ✓ subject1-Note 1 page

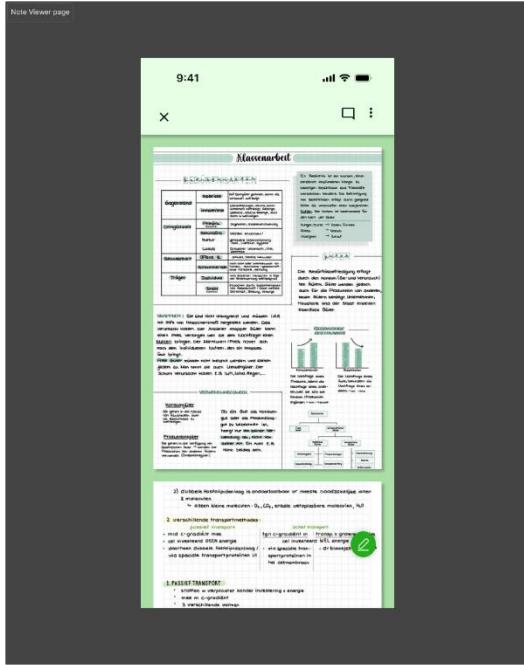


Figure 9 : subject1-Note 1 page (before)

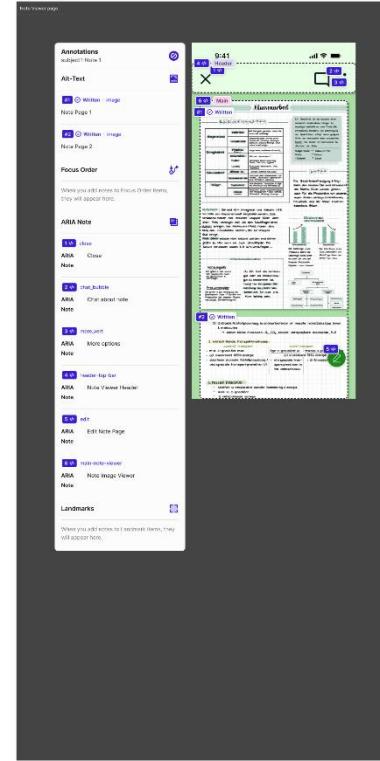


Figure 10: subject1-Note 1 page (after)

## accessibility issues:

### 1. Touch target sizes

- **Issue:** Interactive icons (e.g., close, chat ,edit) below WCAG touch target standards.
- **Fix:** Scaled icons to 44x44px.
- **Purpose:** Reduces accidental taps and supports one-handed use.

