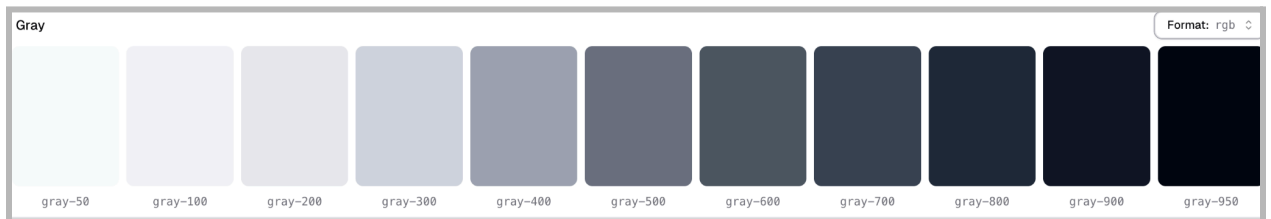# Design Specifications for To-Do List Application

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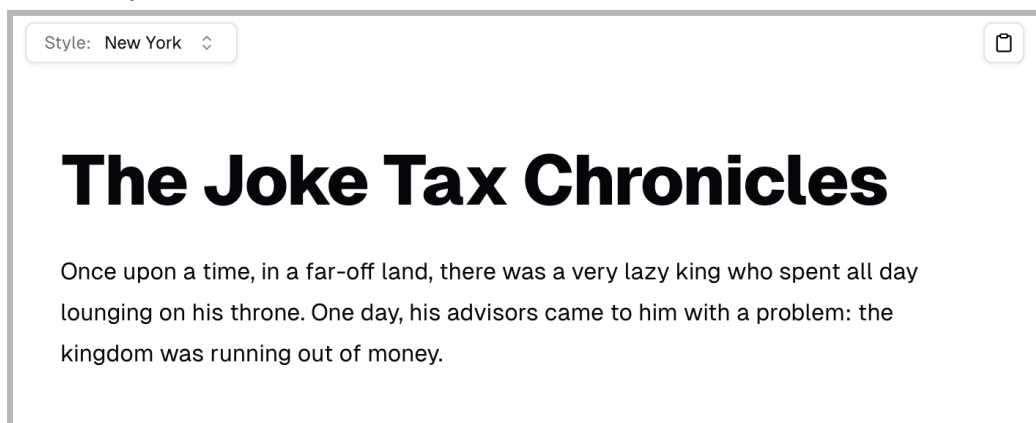
Version: 1.0
9/11/2024 - 9/20/2024

Visual Design

- **Color palette**: The specific colors for use in the design kit (Shadcn).
  Black, white, gray

- **Typography**:
  Default font for Shadcn: **New York**
  Font sizes:
  <p1> 16 pt.
  <p2> 14 pt.
  <h1> 48 pt.
  <h2> 30 pt.
  <h3> 24 pt.
  <h4> 20 pt.

- **Iconography**:
Radix icons from Shadcn. Examples:

Layout

- **Grid systems**:
The design system selected by GUI features preset grid systems for responsiveness across various-sized desktops.
- **Spacing**:
Following WCAG guidelines:
    - Line height (line spacing) to at least 1.5 times the font size;
    - Spacing following paragraphs to at least 2 times the font size;
    - Letter spacing (tracking) to at least 0.12 times the font size;
    - Word spacing to at least 0.16 times the font size.
- **Responsive design**: Desktop responsiveness will be prioritized.

Interaction Design

- **User interface elements**:
Shadcn components:

Template for Filtering

Select an option ⌄

Fruits
Apple
Banana
Blueberry
✓ Grapes
Pineapple

Vegetables
Aubergine
Broccoli
Carrot
Leek

Meat
Beef
Chicken
Lamb

Template for Checklists

Data Table

View docs

Powerful tables and datagrids built using the Table component and TanStack Table.

Filter emails...

Columns ⌄

☑	Status	Email ↓↑	Amount	
☑	Success	ken99@yahoo.com	$316.00	···
☐	Success	abe45@gmail.com	$242.00	···
☐	Processing	monserrat44@gmail.com	$837.00	···
☐	Success	silas22@gmail.com	$874.00	···
☐	Failed	carmella@hotmail.com	$721.00	···

0 of 5 row(s) selected.

Previous   Next

- **Microinteractions**: Animations and Transitions
  In accordance with WCAG SC 2.3.3, users will not be distracted or harmed by animations. Minimal animations will be used and users will have options to reduce motion and animations.
- **Feedback and system responses**:
  The system will provide instant feedback to user interactions. For example, prompting users with confirmation on specific actions such as deleting a task (safeguards).
- **Text content**:
  A casual tone will be used for text content and branding.
- **Multimedia content**:
  In accordance with WCAG guidelines, ensure user-uploaded files are image files and under a specific file size.

Accessibility

- The application will comply with the accessibility standards laid out by WAI in the WCAG (Web Content Accessibility Guidelines).
- In accordance with WCAG, allow users to move into the tab list.
- There will be no instances of color as the sole signifier.

Technical Specifications

- File format for images: png, jpeg, jpg
- Supported browsers: Google Chrome and Firefox prioritized
  Supported devices: various-sized desktops

Sources

Interaction Design Foundation. (2024, July 10). *What are Design Specifications?*. The Interaction Design Foundation. https://www.interaction-design.org/literature/topics/design-specifications#who_writes_design_specifications_and_what_do_they_contain?-9

Shadcn. (n.d.). *SHADCN/UI*. shadcn/ui. https://ui.shadcn.com/

Web Accessbility Initiative. *WCAG 2 Overview*. Web Accessibility Initiative (WAI). (n.d.). https://www.w3.org/WAI/standards-guidelines/wcag/