# **Content Style Grading Feature Documentation**

## **1. Introduction**

The Content Style Grading feature analyzes and evaluates the consistency, typography, and font styles used across web pages. By extracting information from URLs, it provides valuable insights to enhance content quality. Here’s why it matters:

* **Consistency**: Ensures uniformity in design elements, enhancing user experience.
* **Typography**: Influences readability, aesthetics, and emotional impact.
* **Font Styles**: Conveys brand personality and professionalism.

## **2. How It Works**

1. **URL Extraction**: Collects content from input URL.
2. **Consistency Check**:
   * Compares design elements (colors, spacing) across pages.
   * Flags inconsistencies for further analysis.
3. **Typography Assessment**:
   * Identifies font families, sizes, and styles.
   * Consider readability and visual appeal.
4. **Font Style Grading**:
   * Scores font choices based on established guidelines available at different research papers and blogs.

## **3. Usage Guide**

1. Assessing a Website:
   * Input URL or upload HTML/CSS files.
   * Receive content style score and detailed report.
2. Interpreting Results:
   * Understand content style and recommendations.
   * Iterate based on feedback.

## **4. Work Distribution**

Timeline: 2 Weeks

* Backend & Algorithm : Animesh
* Frontend : Vidya
* Detailing & Designing : Ankita

## **5. Technical Elements**

## **6. References and Resources**

* [Classifying Typography Styles: Definitive Guide - 2024 (inkbotdesign.com)](https://inkbotdesign.com/typography-styles/)
  + Importance of typography
* [Font Psychology: New research & practical insights - Cognition Today](https://cognitiontoday.com/font-psychology-research-and-application/)
  + Different typography research insights.
* [Design Consistency Guide with 9 Best Practices (uxpin.com)](https://www.uxpin.com/studio/blog/guide-design-consistency-best-practices-ui-ux-designers/)
  + About design consistency. Can be included if possible to write the algo.
* [The Role Of Typography In Web Design: An In-Depth Guide - Clio Websites](https://cliowebsites.com/the-role-of-typography-in-web-design/)
  + Different typography types and their roles.
* [Principles of Typography in UI Design | by Bryson M. | Medium | UX Planet](https://uxplanet.org/principles-of-typography-in-ui-design-bc28f1f9666d)
  + Rules for proper and consistent typography and content.
* [Consistency and standards in UX/UI design: The key to success | by Akansha Tandon | Bootcamp (uxdesign.cc)](https://bootcamp.uxdesign.cc/consistency-and-standards-in-ux-ui-design-the-key-to-success-8392d5d56336)
  + Role and significance of consistency in web pages.