# Design System Assignment - Product Designer

## Brand Overview

Eureka is a B2B SaaS platform offering enterprise workflow automation tools for industries like logistics, healthcare, and finance. As part of its growth strategy, Eureka aims to develop a `White-Labeled Design System` to unify its diverse product ecosystem. The design system will focus on scalability, customisability, and accessibility while enabling enterprise clients to seamlessly adapt components to their branding needs. One of the critical components of this system is a **Calendar Component**, designed for scheduling, task management, and resource allocation in complex, multi-user environments.

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## Assignment Overview

Your task is to:

1. Derive a Design System Theme for Eureka, including a scalable token structure.
2. Design a Calendar Component that addresses enterprise needs, accessibility, and customisation.
3. Propose strategies for team collaboration and design system adoption.

### Deliverables

1. Eureka Theme and Tokens
   a. Define a theme based on Eureka's professional identity.
      i. Create base tokens (e.g., colors, typography, space, radius etc.) and semantic tokens (e.g., calendar.selected.bg).
      ii. Ensure the theme supports branding overrides (e.g., light/dark modes and white labeled usecase).
      iii. A token hierarchy with a brief explanation of its scalability.
2. Calendar Component Design
   a. Design an enterprise-grade Calendar Component with:
      i. Multiple views (monthly, weekly, daily), task indicators, and multi-user scheduling.
      ii. Keyboard navigation, ARIA roles, and high-contrast themes.

   iii. Adapt to different themes using tokens.

3. Accessibility Strategy

  a. Detail accessibility features for the Calendar Component and annotate accessibility features with an explanation of implementation and testing, such as:

   i. Keyboard shortcuts

   ii. screen reader support

   iii. non-color visual cues.

4. Documentation

  a. Write a sample developer documentation page for the Calendar Component. Include component anatomy, token usage, implementation guide, and accessibility notes. And present an concise documentation prototype in Notion, ZeroHeight, or Markdown.

5. Collaboration and Adoption Plan

  a. Propose strategies for system adoption by designers, developers, and product teams. You can Include tools (e.g., Figma libraries, Storybook) and workflows to resolve discrepancies.

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## Evaluation Criteria

1. Logical and scalable token structure.
2. Enterprise functionality, accessibility, and customisability of the component final designed.
3. Practical solutions for including accessibility strategy
4. Clarity and developer usability in the final documentation.
5. Feasibility and innovation in adoption strategies of the design system.

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## Submission Guidelines

1. Format of submission can be Presentation, Figma file, or combination of documents.
2. Submit the final solution within 5 days.
3. Use Figma for designing design system and for documentation you can use Notion, or your preferred tools.