# PitchPerfect AI Website - Front-End Development Task Documentation

## 1. Time Taken to Complete the Task

Track the time spent on each section and provide a summary of the time taken to complete the task:  
  
- Main Section: 45 minutes  
- Book Section: 30 minutes  
- Video Section: 15 minutes  
- Card Section: 20 minutes  
- Footer Section: 10 minutes  
- Final Retouch & Miscellaneous Work: 30 minutes  
  
Total Time: 2 hours and 30 minutes

## 2. Challenges Faced and Solutions

Mention any challenges faced and how you overcame them:  
  
- Extracting Images from Figma:  
 - Challenge: Extracting images from the Figma design was initially tricky.  
 - Solution: Utilized Figma’s export feature effectively after consulting the Figma documentation.  
  
- Font Availability:  
 - Challenge: The specified font (Gilroy) was not available on Google Fonts.  
 - Solution: Sourced the Gilroy font from an alternative font repository and included it locally in the project.  
  
- Responsive Design Issues:  
 - Challenge: Ensuring certain sections, particularly those with text over images, were responsive.  
 - Solution: Implemented media queries and Bootstrap’s grid system to improve responsiveness across devices.  
  
- Gradient Backgrounds for Cards:  
 - Challenge: Creating gradient backgrounds for the card sections to match the design.  
 - Solution: Used online tools like CSS Gradient Generator to replicate the exact gradients from the Figma design.

## 3. Tools and Technologies Used

Tools and technologies that were instrumental in the development process:  
  
- HTML and CSS: Core technologies for structuring and styling the webpage.  
- Bootstrap (limited): Utilized Bootstrap for its grid system to ensure responsive design.  
- Custom Fonts: Incorporated custom fonts, including Gilroy, to match the design specifications.  
- VS Code IDE: Primary code editor used for development, with extensions for enhanced productivity.

## 4. AI Plugins/Tools Used and Their Impact

Document any AI tools or plugins used and how they helped in the task:  
  
- ChatGPT: Used ChatGPT sparingly to generate responsive layouts for the card/feature sections, which accelerated the coding process.  
- ColorPicker: Utilized ColorPicker to accurately select gradient colors and other design-specific colors from the Figma design.  
- CSSPeeper: Employed CSSPeeper to quickly identify fonts and specific CSS properties from the Figma design, ensuring accuracy in styling.

## Additional Details

Other important details to include for a comprehensive understanding:  
  
- Design Consistency: Ensured the content is readable and maintains the flow as per the design. Paid close attention to typography, spacing, and layout to match the Figma design precisely.  
- Usability and Accessibility: Adhered to web accessibility standards to ensure the HTML/CSS is accessible to all users.