

Frontend Work Breakdown:

1. UI/UX Design

- **Responsibilities:**
 - Design wireframes for the web app interface, including upload, processing options, and download screens.
 - Create a responsive layout for mobile and desktop views.
 - Ensure the interface is user-friendly and visually appealing.
 - **Tools:**
 - Figma/Adobe XD for wireframes (optional).
 - **Deliverables:**
 - Finalized wireframe/mockups.
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2. HTML Structure

- **Responsibilities:**
 - Develop the base structure of the web application in HTML.
 - Create forms for image uploads and options for selecting filters.
 - **Deliverables:**
 - `index.html` file with semantic HTML tags.
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3. CSS Styling

- **Responsibilities:**
 - Implement the visual design and styling for the application using CSS.
 - Add responsiveness for various screen sizes using media queries.
 - Ensure consistency with the designed mockups.
 - **Deliverables:**
 - `styles.css` file with all styling rules.
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4. JavaScript: Image Upload and Interactivity

- **Responsibilities:**
 - Implement the functionality to handle image uploads and preview images before processing.
 - Add event listeners for user interactions, such as selecting processing options and submitting the image.
 - **Deliverables:**
 - JavaScript functions to handle uploads and processing interaction.
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5. JavaScript: API Integration

- **Responsibilities:**

- Write JavaScript to interact with the backend APIs for image processing.
- Handle responses from the backend (e.g., fetching processed image URLs).
- Implement error handling for failed requests.

- **Deliverables:**

- JavaScript functions for API integration and dynamic updates.