**Feature Prioritization Document**

**1. Introduction**

This document outlines the prioritized features for the Children's Interactive Reading App, categorized using the MoSCoW method. This method helps us focus on the most critical features for the initial launch (Minimum Viable Product - MVP) and plan for future development.

**2. MoSCoW Categories**

**Must Have**

These features are essential for the app's core functionality and a successful initial launch:

* **Adaptive Reading Algorithm:** Dynamically adjusts story difficulty based on the child's reading performance in real-time.
* **Text Highlighting:** Highlights the word being read aloud to provide visual guidance.
* **Pronunciation Support:** Offers audio playback and visual cues (images, phonetic transcriptions, animations) for challenging words.
* **Diverse Story Library:** Provides a wide range of engaging, age-appropriate, and inclusive stories across different reading levels, genres, and themes.
* **User Account Creation (COPPA Compliant):** Enables secure user accounts with strong password requirements and verifiable parental consent, fully adhering to COPPA regulations.
* **Basic Progress Tracking:** Tracks reading progress (words read, stories completed, accuracy) and presents it in a visually appealing and motivating way.

**Should Have**

These features enhance the user experience but are not critical for the initial launch. We'll aim to include them in the MVP if time and resources allow, or in subsequent updates:

* **Gamification Elements:** Incorporates points, badges, and rewards to motivate children and make the learning experience more engaging.
* **Personalized Recommendations:** Suggests new stories to the child based on their reading history, preferences, and interests.
* **Interactive Story Elements:** Includes animations and sound effects within stories to enhance immersion and engagement.
* **Parent Dashboard:** Provides parents with access to their child's progress tracking, settings, and controls to manage their account.

**Could Have**

These are valuable additions that can be added in future updates after the initial launch, based on user feedback and available resources:

* **Offline Access:** Allows users to download stories for offline reading, making the app accessible even without an internet connection.
* **Multi-language Support:** Offers stories and user interface in multiple languages to expand the app's reach and support language learning.
* **Educational Platform Integration:** Integrates with popular educational platforms (e.g., Google Classroom, Seesaw) to provide a more cohesive learning experience.
* **Creative Writing Tools:** Includes tools for children to write and share their own stories, encouraging creativity and self-expression.

**Won't Have (for now)**

These features are out of scope for the current development phase:

* **Video Content:** For the MVP, we'll focus on core reading skills and avoid the added complexity of integrating video content.
* **Social Features:** Due to COPPA concerns and the need for strict privacy, we'll avoid features that involve sharing progress with other users.

**3. Prioritization Criteria**

The following criteria were used to prioritize features:

* **Impact on Reading Improvement:** Features that directly enhance reading skills (fluency, comprehension, vocabulary) were prioritized.
* **Technical Feasibility:** Features were assessed based on their technical complexity and the development team's ability to implement them within the given timeline and budget.
* **Compliance with Regulations:** All features must comply with COPPA and other relevant data privacy regulations.
* **Stakeholder Feedback:** Feedback from educators, parents, and children was considered to align priorities with user needs and expectations.

**4. Tools and Techniques**

* **Trello:** Used to organize and track feature priorities, with separate lists for each MoSCoW category.
* **Labels:** Used within Trello to indicate dependencies, technical complexity, and COPPA-related considerations for each feature.

**5. Documentation**

This document serves as the primary documentation for feature prioritization. It will be updated as the app evolves and new features are considered.