DOCUMENATION

**1. Introduction:**

The Tooth Fairy App, developed by Johannes B., is a digital platform designed to engage children in the tooth-losing experience while providing educational and interactive features.

**2. Purpose:**

The app aims to create an immersive and educational experience for children by incorporating elements of fantasy, creativity, and financial literacy.

**3. Stakeholders:**

Children: Primary users of the app, engaging with its various features.

Parents/Guardians: Responsible for managing aspects of the app and overseeing their child's interactions.

Developers (Johannes B.): Responsible for app development and maintenance.

**4. Features:**

**4.1 Interactive Website:**

Customized protocols for boy and girl users featuring diverse themes and graphics.

Logo design and domain hosting.

Ownership of critical intellectual property (IP).

**4.2 App Channels:**

My Tooth: Allows children to document lost teeth with AI photo analysis.

Chat: Includes a Friends List with approved chat functionality.

Height Record: Maintains a permanent record of a child's height linked to age and date.

Certificate and Reports File Storage: Stores academic and extracurricular achievements.

Games Charter: Access to educational and entertainment games.

Treasure Chest Balance:Tracks virtual currency and savings.

Diary: Provides a digital diary for personal reflections.

Kids Spotify: Curates child-friendly music content.

Book Library: Offers a collection of digital books with audio and readable formats.

Compound Interest:Teaches financial literacy through a savings plan with rewards.

Movies: Catalogs movies watched by the child.

Religious Verses: Delivers daily verses from various religious texts.

Kindness Thought of the Day: Promotes empathy and compassion.

AI Toy Store and Trading App: Facilitates toy trading and supports charitable causes.

Support for Third-World Children: Enables donations to provide meals for underprivileged children.

**5. Functional Requirements:**

Photographing Teeth: Utilizes AI for tooth analysis and notification to guardians.

Digital Diary: Allows children to record thoughts and experiences.

Height Register: Automatically records and tracks height over time.

Games: Offers a variety of age-appropriate games for entertainment and education

Treasure Chest: Stores virtual currency, vouchers, and serves as a savings matrix.

Book Library: Provides access to digital books with audio and readable formats.

Compound Interest: Educates children about financial concepts through virtual savings and rewards.

Parental Consent: Requires parental approval for social interactions and purchases.

AI Toy Store and Trading App: Implements AI-driven features for toy trading and charitable initiatives.

**6. Non-functional Requirements:**

User Experience: Intuitive interface and engaging design to appeal to children.

Security: Ensures data privacy and protection, especially for sensitive information.

Reliability: App functionality should be stable and consistent.

Scalability: Capable of handling increasing user traffic and data volume over time.

Accessibility: Compatible with various devices and accessible to children of different abilities.

Business Goals:

Enhance children's engagement with the tooth-losing experience.

Support charitable initiatives and encourage empathy.

Provide a safe and enjoyable digital environment for children.

**8. Conclusion:**

The Tooth Fairy App combines elements of fantasy, education, and entertainment to create a unique digital experience for children. With features tailored to both fun and learning, it aims to enrich the childhood journey while instilling valuable life skills and fostering social responsibility.