Story Application Documentation
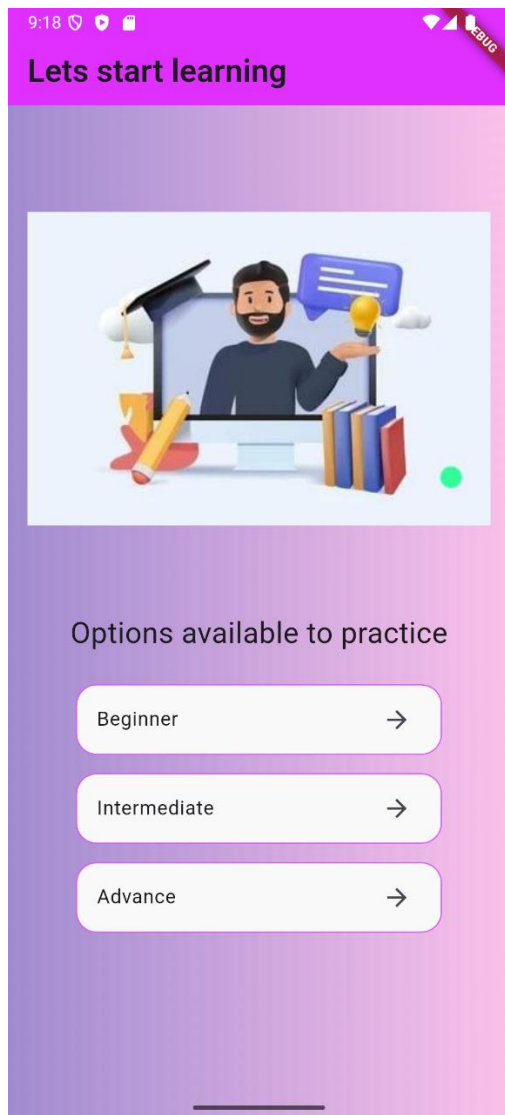
Project Overview

The **Story Application** is an interactive mobile application developed using **Flutter and Dart**. It categorizes and displays stories for users based on their reading level. The application also includes a quiz feature to enhance user engagement and comprehension, with data stored using **JSON** and **SQFlite**.
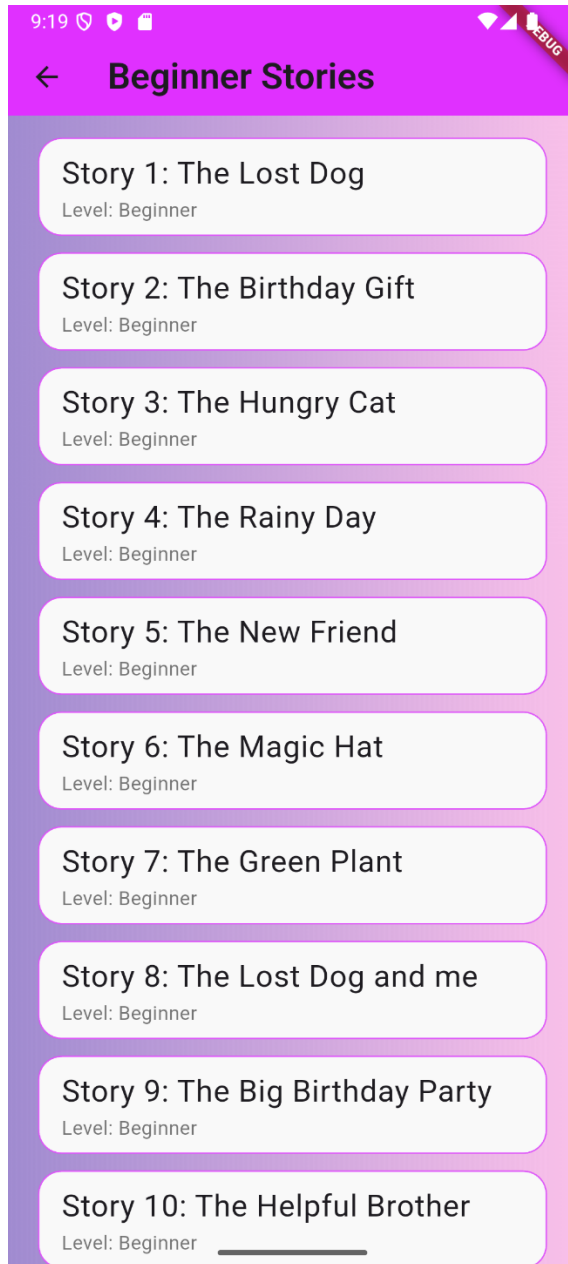
Features

1. **Home Page**

   o Displays categories: **Beginner, Intermediate, Advanced**.

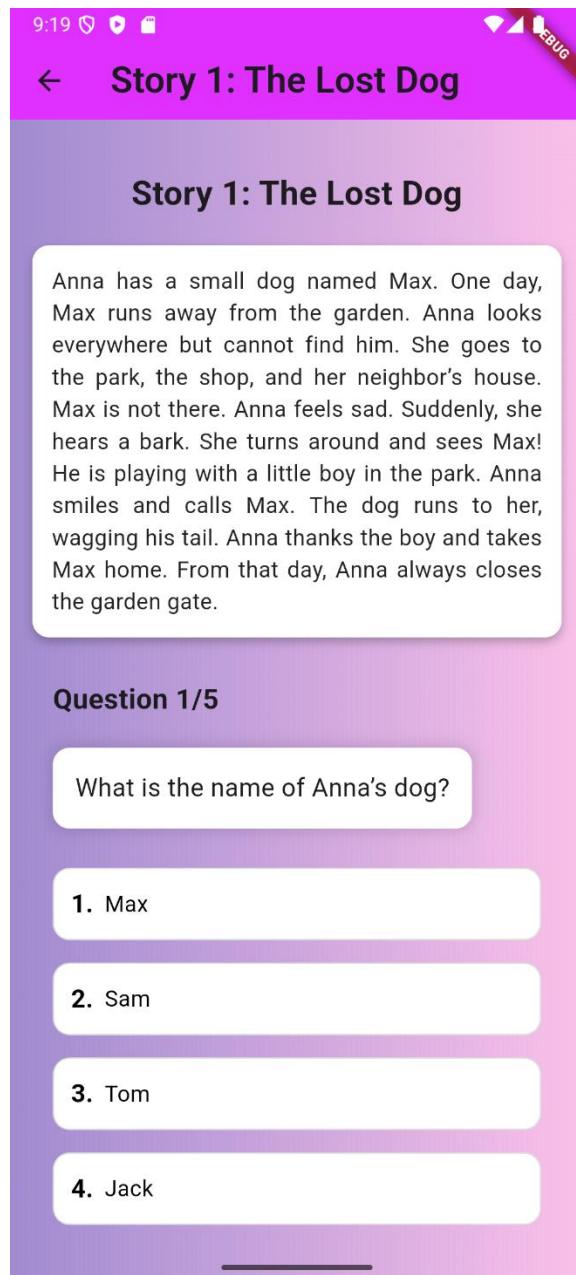   o Allows users to select a category to view relevant stories.

2. **Story Index Page**

   o Lists **10 stories** under the selected category.

   o Displays story titles as clickable links leading to the story page.

3. **Story Page**

o Displays the full text of the selected story.

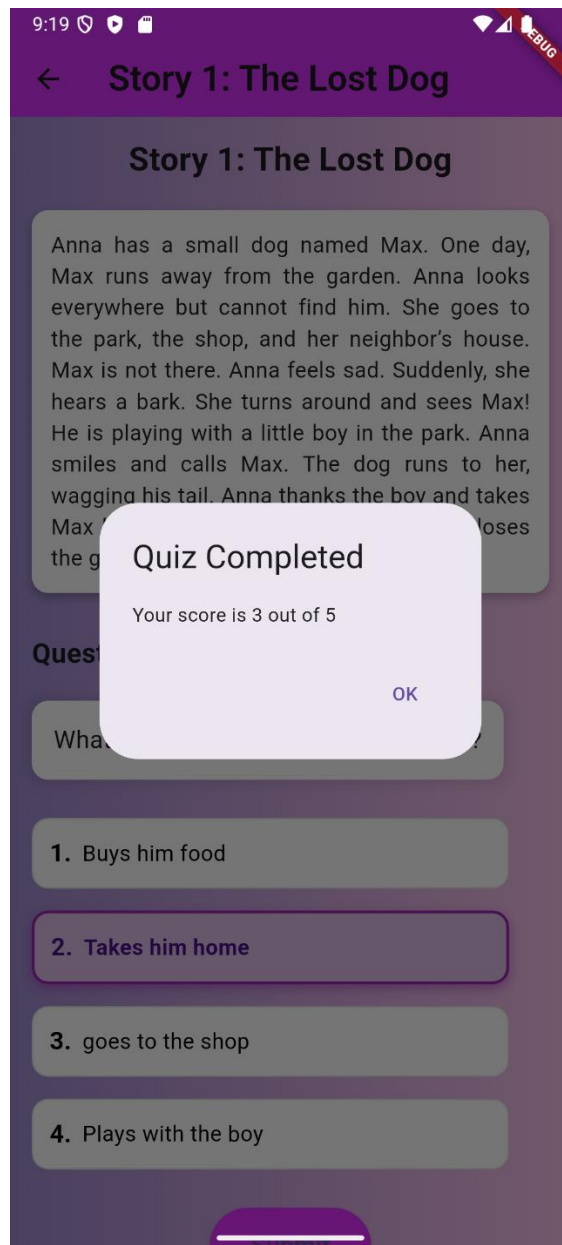o Includes a **Quiz button** for users to test their comprehension.

4. **Quiz Page**

   o Presents **5 multiple-choice questions (MCQs)** related to the story.

   o Provides an interactive interface for selecting answers.

5. **Result Pop-Up**

   o Displays quiz results after submission.

   o Shows the user's score and correct answers.

   o

Technology Stack

- **Frontend & Backend:** Flutter & Dart

- **Database:** JSON & SQFlite (for local storage)

Installation & Setup

1. Clone the repository:

git clone https://github.com/yourusername/story-app.git

2. Navigate to the project directory:

cd story-app

3. Install dependencies:

flutter pub get

4. Run the application:

flutter run

Project Structure

```
story-app/
│── assets/
│── lib/
│   │── components/
│   │── pages/
│   │── models/
│   │── services/
│── pubspec.yaml
│── README.md
```

Future Enhancements

- Add user authentication for personalized experiences.

- Implement cloud storage for syncing user progress.

- Allow users to submit and rate stories.

Conclusion

This project provides an engaging way for users to read and test their comprehension through quizzes. The modular structure allows for future scalability and feature expansions.

TO SEE THE PROJECT CODES PLEASE VISIT :

Git Link: - https://github.com/SHUBHAM-MAKODE/Story-Application/

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THANK YOU