CURA

An app designed to provide assistance and support to elderly people in old age homes and children in orphanages. This app offers various types of help and facilities to improve the lives of its users.

Project Structure

The project follows a well-organized directory structure to ensure maintainability and scalability:

```
CURA/
├── android/              # Android platform-specific code
├── assets/               # Assets used in the app (images, icons, etc.)
├── ios/                  # iOS platform-specific code
├── lib/                  # Main source code
│   ├── individual/       # Components and functionalities for individual
users
│   ├── organization/     # Components and functionalities for organizational
users
│   ├── shared/           # Shared resources and common utilities across the
app
│   ├── startup_screens/ # Initial screens shown to users (like splash and
onboarding)
│   └── main.dart         # Main entry point of the app
├── linux/                # Linux platform-specific code
├── macos/                # macOS platform-specific code
├── test/                 # Test files
├── web/                  # Web platform-specific code
├── windows/              # Windows platform-specific code
├── .gitignore            # Git ignore file
├── .metadata             # Metadata file for Flutter
├── analysis_options.yaml # Dart analysis options
├── contributing.md       # Contribution guidelines
├── pubspec.lock          # Dependency versions lock file
├── pubspec.yaml          # Project configuration file
└── README.md             # Project readme
```

Features

- **Target Audience:** This app aims to assist individuals in old age homes and orphanages, providing facilities and resources to help improve their quality of life.
- **User Types:** Separate modules for individual users and organizations, ensuring tailored experiences and resources.
- **Firebase Integration:** Real-time database, authentication, and notifications to keep users engaged and informed.
- **Responsive Design:** Accessible on Android, iOS, web, and desktop platforms.

Tech Stack

- **Flutter** - Cross-platform development framework for building beautiful and responsive UIs.
- **Firebase** - For authentication, database, and cloud functions.
- **Kotlin & Jetpack Compose** - Android-specific functionalities.
- **Figma** - Design and prototyping for UI.

Getting Started

Cloning the Repository

To get started with this project, clone the repository to your local machine:

```
git clone https://github.com/your-username/cura.git
cd cura
flutter pub get
```

Prerequisites
- Flutter SDK: Ensure you have Flutter installed.
- Firebase Account: Set up a Firebase project and link it to the app for authentication and database functionalities.

Contributing

We welcome contributions from the community! 🙌

Steps to Contribute
1. **Fork the Repository**
   Click the "Fork" button at the top right of this repository to create a copy of it under your GitHub account.

2. **Clone the Forked Repository**
   Clone your forked repository to your local machine:

   ```
   git clone https://github.com/your-username/cura.git
   cd cura
   ```

3. **Create a New Branch**
   Create a new branch for your feature or bug fix:

   ```
   git checkout -b feature-name
   ```

4. **Make Changes**
   Implement your changes and commit them:

```
git add .
git commit -m "Description of changes"
```

5. **Push Changes to GitHub**
   Push your branch to your GitHub repository:

```
git push origin feature-name
```

6. **Create a Pull Request**

   – Go to the repository on GitHub.
   – Click on the "Pull Request" tab.
   – Select your branch and submit a pull request with a clear description of your
     changes.

   This will initiate a review process. Once your changes are approved, they will be
   merged into the main branch.

Project Constraints

- Requires basic knowledge of Flutter and Firebase.
- Involves collaboration and commitment to helping the community.