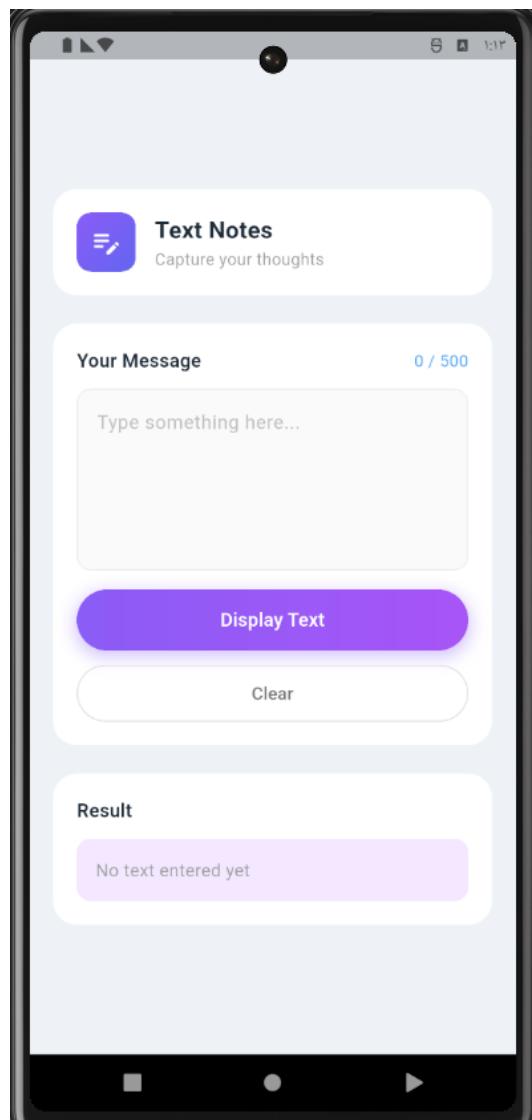


# Text Notes

A beautiful Flutter app for capturing your thoughts



## Features

- Save and display text notes
- Character counter (max 500 characters)
- Beautiful purple gradient UI
- Clear button to reset
- Clean Architecture

## Clean Architecture

This project follows Clean Architecture with three layers:

### 1. Domain Layer

Contains entities and business logic.

```
entities/note.dart  
repositories/note_repository.dart  
usecases/save_note.dart  
usecases/get_note.dart
```

### 2. Data Layer

Implements repositories and data sources.

```
datasources/in_memory_note_datasource.dart  
repositories/note_repository_impl.dart
```

### 3. Presentation Layer

UI and state management with ChangeNotifier.

```
notifier/note_notifier.dart
```

## Installation & Setup

### 1. Clone the repository

```
$ git clone https://github.com/Hedra-Nabil/single_screen_app.git
```

### 2. Navigate to project

```
$ cd single_screen_app
```

### 3. Install dependencies

```
$ flutter pub get
```

### 4. Run the app

```
$ flutter run
```

## Build Release APK

```
$ flutter build apk --release
```

Output: build/app/outputs/flutter-apk/app-release.apk

## Links & Resources

### GitHub Repository:

[https://github.com/Hedra-Nabil/single\\_screen\\_app](https://github.com/Hedra-Nabil/single_screen_app)

### Download APK:

[https://github.com/Hedra-Nabil/single\\_screen\\_app/releases/latest](https://github.com/Hedra-Nabil/single_screen_app/releases/latest)

### Releases Page:

[https://github.com/Hedra-Nabil/single\\_screen\\_app/releases](https://github.com/Hedra-Nabil/single_screen_app/releases)

## Tech Stack

Framework:	Flutter 3.10+
Language:	Dart 3.10+
State Management:	ChangeNotifier
Architecture:	Clean Architecture
UI:	Material Design 3

## Author

### Hedra Nabil

<https://github.com/Hedra-Nabil>