

Flutter ArtistryIndia Application

Flutter app which helps to explore the rich tapestry of Indian art forms, providing insights into diverse artistic traditions. Join our global community, where artists from around the world connect to share their creativity and collaborate.

Software Requirements:

Platform Requirements:

- Flutter SDK: Install Flutter for cross-platform app development.
- Dart Programming Language: Utilize Dart for coding the application logic.
- Integrated Development Environment (IDE): Use preferred IDEs such as Visual Studio Code or IntelliJ IDEA for coding and debugging.
- Version Control System: Utilize Git for version control to manage codebase changes effectively.

Flutter Packages:

- provider: For state management within the application.
- sqflite: For local storage and database operations.
- http: For making HTTP requests to fetch data from remote servers.
- flutter_local_notifications: For displaying local notifications to users.
- charts_flutter: For visualizing data using charts.
- camera: For integrating camera functionality if required.
- path_provider: For accessing filesystem paths.
- intl: For internationalization and localization support.
- shared_preferences: For storing simple data in key-value pairs persistently.
- flutter_spinkit: For displaying loading spinners or indicators.

Firebase Integration:

- Firebase Account: Set up a Firebase account to utilize Firebase services for various functionalities like real-time database, authentication, cloud messaging, etc.

Hardware Requirements:

Computer

- Processor: Intel i3/i5/i7/i9 or equivalent AMD Processor.
- Memory: 4GB RAM minimum, 8 GB or more recommended.
- Disk Space: Minimum of 5 GB free disk space, SSD preferred.
- Operating System: Windows (7 SP1 or later), macOS, or Linux.

Mobile Devices (for testing)

- iOS: iPhone or iPad running the latest iOS version.
- Android: Android phone or tablet with a recent Android version.