Flutter Development Code Challenge

Create a currency converter app with the following features:

1. List of supported currencies with their country's flag. Store the data locally in a database after the first API request & load the data from it for future usage.
2. Historical data for 2 currencies of your choosing for the last 7 days.
3. Currency converter where the user can select 2 currencies with the amount to convert.

Use the following free API for the app: https://free.currencyconverterapi.com/

Use the following free countries flags icons:
https://flagcdn.com/

Guidelines:

1. Use Dart(Flutter) language for development.
2. Create a public Git repository in GitHub / GitLab & push the project to it then share the link of the project.
3. Add a README page with the following info:
   a. Instructions on how to build the project.
   b. Adapted design pattern for the app architecture with justification on why to choose it.
   c. Adapted image loader library with justification on why to choose it.
   d. Used database in the app with justification on why to choose it.
4. Write unit testing for the API integration & business logic implementation.
5. Apply dependency injection with inj the selected library.
6. Utilize Google's Material Design components for the UI implementation.
7. Bloc pattern for state management (with clean architecture)