Test assignment

Develop a mobile application that fetches, caches, and displays content from a public API of your choice. For example, you may use the Reddit API:

https://www.reddit.com/dev/api/

https://www.reddit.com/dev/api/#GET_users_popular
https://www.reddit.com/dev/api/#GET_subreddits_search

Functional Requirements
- Display a list of posts that users can scroll through
- Show linked images and other post content where available
- Implement basic caching for fetched data

Optional (Nice-to-Have) Features
- Search functionality
- Support pagination
- Downloading images to the device
- Opening a post in a separate detail screen
- Dependency Injection (DI)
- Any additional features you consider valuable

Architecture & Code Quality
- Follow Clean Architecture principles
- Use appropriate design patterns where applicable
- Add comments or documentation explaining key architectural and design decisions (this will be a plus)

Technical Requirements
- The Reddit API is not mandatory; you may use any similar public API
- There are no restrictions on technologies, frameworks, or libraries—choose those you believe are most suitable for the task

Delivery
- Share the completed application via a GitHub repository or as an archive (e.g., Google Drive)
- The implementation should be completed within **one week**