Android coding

Problem state Statement

- Help us build a single-screen app.
- On launch, the screen will contain a vertical grid of movies cards populated
- through an API call.
- On scrolling to the last item, the next page of Movies will be appended to the list and displayed to the user.
- Can search by name

API

Kindly use http://www.omdbapi.com to get the list of movies

Design:

https://www.figma.com/file/vqnz7ghaEpnIlxqoADWGZG/Android-coding-3-%2F-Movie-app?node-id=0%3A1

Constraints

- You have 3 days to complete this problem.
- We would recommend you concentrate on making a working prototype before polishing
- things.
- We recommend you use **MVVM** architecture.
- You may choose any of the multithreading approaches i.e. Rx, Coroutines, Flow, etc.
- You are free to perform web searches for documentation, sample code, etc. We do not expect you to remember everything on the top of your mind.
- Handle all necessary states, error view, and no network state.
- You can use any approach to trigger pagination calls, Preferable: Pagination Library.

Evaluation Criteria

Must have

- The app should run
- Dependency injection principles should be followed
- **MVVM** architecture must, Clean architecture is cherry on top
- Search should work
- Optimum use of threading
- Optimum caching
- Optimum pagination handling
- Performant UI designing