

Unicode

Flutter Tasks 2025 – 26

“Lights... camera... Flutter!”

Imagine you’re the director of a 4-scene film:

A thrilling opener, a heartfelt middle, a twist-filled third act, and a grand finale.

Each screen you build is a scene. Each tap — a plot point.

Welcome to the set. The script is yours to write... in Dart.

Cut. Retake. Hot reload. Action.

[Download and setup flutter using this](#)

TASK 1:

Spider-Man – No Way Home



Plot:

Peter Parker’s identity is exposed, and now he needs a secure portal to swing into his personal dashboard. No Stark tech, just Flutter.

Task:

- Design a Login & Signup UI
- Validate all input fields (e.g. email format, empty / short password)
- Navigate to a home screen on successful login

Widgets that might come handy:

Scaffold, TextFormField, Form, ElevatedButton.

REFERENCES:

- [Flutter one shot](#)
- [Basic Flutter widgets](#)

💡 “With great power.... comes great login validation.”



TASK 2:

Finding Nemo

Plot:

Marlin swam across the entire ocean to find Nemo. Your users shouldn't have to. Make signing in so smooth, even Dory can remember her password.

Task:

- Set up Firebase Email/Password Authentication in your app

- Handle errors gracefully (brownie points!)
- Show success and failure messages (brownie points)

Widgets that might come handy: SnackBar or AlertDialog

REFERENCES:

- [Firebase Installation using CLI](#)
- [Authentication using Firebase](#)

💡 “Just keep swimming... just keep signing in.



TASK 3:

Despicable Me

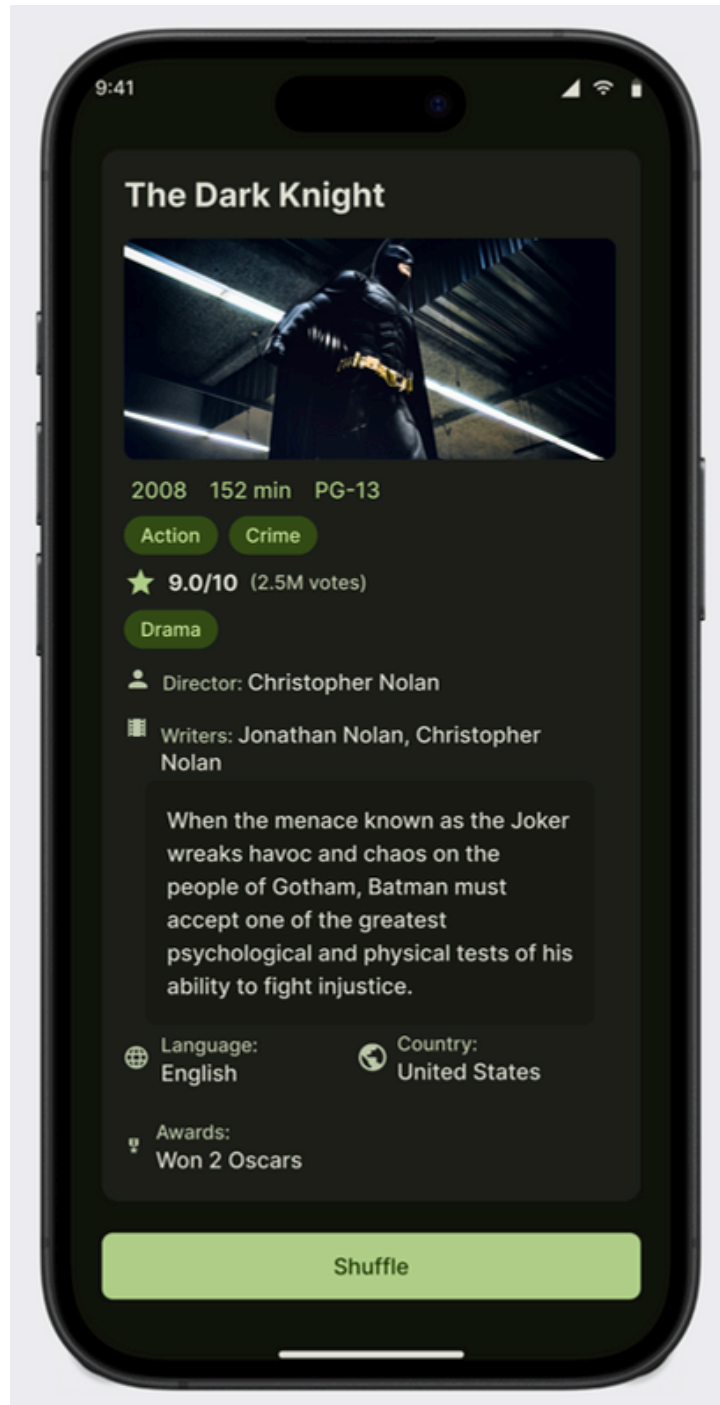
Plot:

Gru has the perfect UI layout for his next evil plan. The minions want you to replicate it exactly — no bananas out of line.

Task:

- Replicate the home page UI as provided . This is the [Motiff link](#)

- Make sure there are no overflows and try to replicate as closely as possible.
- This is the design .



Widgets that might come handy: Column, Row, Padding, SizedBox, Container, Card , Chip , Icons , ElevatedButton

💡 “We stole the moon. You can at least align that padding.

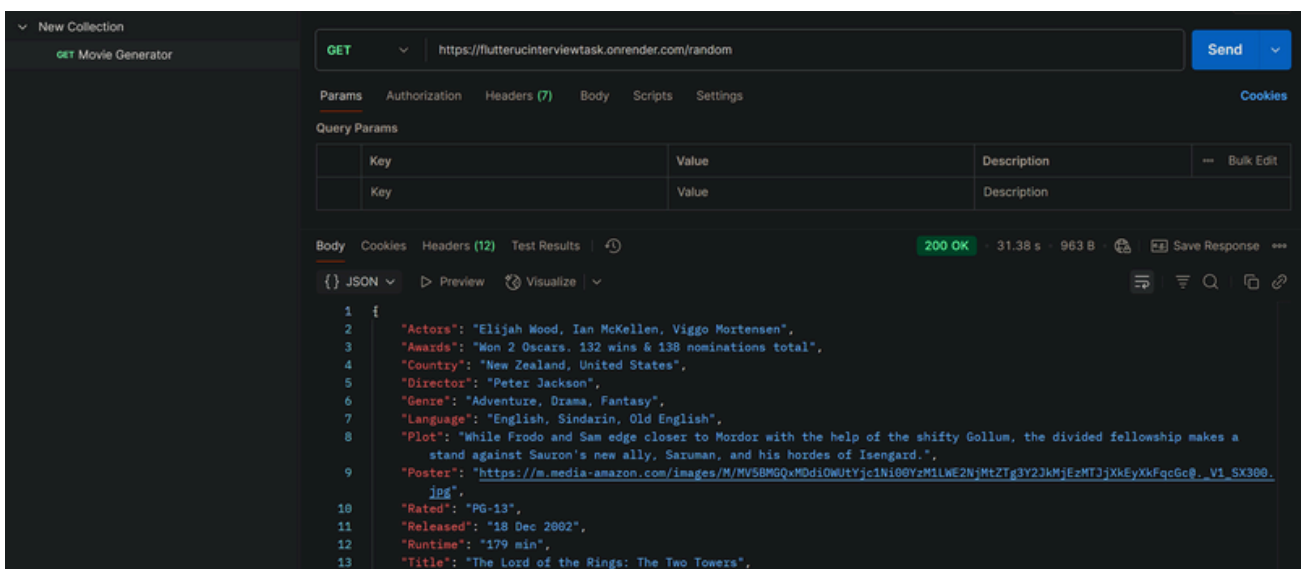
TASK 4:

Home Alone

Plot: Kevin is home alone (again), and he needs live updates about any intruders. Use the secret API to display incoming threats before the burglars do.

Task:

- Make the shuffle button working. When pressed, it displays a random movie on the screen this can be done by performing a GET request using the API below
[🔗 Postman API Link](#)
- This is the api link(wait for a minute or two so that the server can restart) : **<https://flutterucinterviewtask.onrender.com/random>**



- Display the data in the design given to you
- Handle API errors or no data responses (brownie points!)

REFERENCES:

- [How integrate Apis](#)

💡 “This is my app. I have to defend it.”



Important Notes

- **MAKE SURE THAT ALL OF THESE TASKS ARE IN A SINGLE APP.**

The tasks are in increasing order of difficulty. You can show whatever you managed to do, of course more the merrier.

Apart from this, you can show anything else that you have done.

Submission Details

- **Keep the tasks ready during your interview:** Bring these tasks and the projects you might have done during the Unicode interviews and we will review them. Make sure that servers (if used) are set up and ready beforehand.

- **Upload your code to a GitHub Repository:** Make a public repository on Github and upload the code there before the deadline. Create a README.MD file and write a small overview of

what you have made along with the screenshots.

[How to push your code to a github repository](#)

- **Make a Single Repository:** Your repository should contain the final code. There should not be different repositories for different tasks.

Video Recording: Screen record your app in case the app doesn't run on the day of the interview.

If any doubts contact us!

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All the best and see you soon!