

Flutter Weather Test

DETAILS ABOUT TEST:

This is going to be a weather forecast application using free public APIs. You need to build this app using Flutter and Bloc as a state management. App has simple 2 screens i.e., login and weather casting screens.

Login: This is going to be a static screen where you can accept any username and password but those details has to be stored locally to display when user comes back to the app next time. You can store the credentials as per your convenience.

Weather Forecast: Once user login to the app, you need to redirect to weather forecast screen and make this API call to fetch weather forecast data.

API end point: <http://api.weatherapi.com/v1/forecast.json?key=76c968f97c9644a983f83955242405&q=17.4435,78.3772>

Offline Support: You need to store the forecast data locally and present this when user opens the app offline. When connected to network, it should always fetch the latest forecast data and store locally.

Note: Designs are added at the bottom of this document.

Additions: In the given end point, we have hard coded the location lat long info. You can fetch the user's current location and make it dynamic.

Username

username

Password

password

Login

Hyderabad

Telangana, India

34.4°C



Partially Cloudy

24th May, 2024

6 AM

Clear



32.2°C

7 AM

Clear



32.2°C

8 AM

Clear



32.2°C

9 AM

Clear



32.2°C

10 AM

Sunny



32.2°C

11 AM

Clear



32.2°C

12 PM

Clear



32.2°C

1 PM

Cloudy



32.2°C

2 PM

Cloudy



32.2°C