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D15A 16
Batch A

MAD PWA EXP2

Aim: To design flutter by including common widgets

Theory:-

Introduction to the App:

- The splash screen is often the first visual element users encounter when launching the app. It provides a quick introduction to the application, setting the tone for the user experience.

Branding and Logo Display:

- Incorporating the app's logo on the splash screen reinforces the brand identity. In the provided experiment, the Upwork logo is prominently displayed, creating brand recognition and familiarity.

Welcome Message:

- Including a welcome message, such as "Welcome to Upwork," on the splash screen adds a personal touch. It can create a sense of friendliness and make users feel more connected to the app.

Duration and Transition:

- The splash screen is typically displayed for a short duration, usually a few seconds. In this experiment, a `Timer` is used to delay the transition to the login page for 5 seconds, allowing users to briefly engage with the welcoming content.

Navigation to Main Content:

- After the designated duration, the splash screen transitions to the login page, where users can access the main functionality of the application. This seamless transition ensures a smooth and uninterrupted user flow.

Code:-

Splash_screen.dart

```
// lib/screens/splash_screen.dart
import 'dart:async';
import 'package:flutter/material.dart';
```

```

import '../screens/login/login_page.dart';

class SplashScreen extends StatefulWidget {
  @override
  _SplashScreenState createState() => _SplashScreenState();
}

class _SplashScreenState extends State<SplashScreen> {
  @override
  void initState() {
    super.initState();
    // Delay for 5 seconds and then navigate to the login page
    Timer(Duration(seconds: 5), () {
      Navigator.pushReplacementNamed(context, '/login');
    });
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            Image.asset(
              'images/2021-upwork-new-logo-design.png', // Replace with the actual path to your Upwork logo
              height: 150.0,
            ),
            SizedBox(height: 16.0),
            Text(
              'Welcome to Upwork',
              style: TextStyle(fontSize: 20.0, fontWeight: FontWeight.bold),
            ),
          ],
        ),
      ),
    );
  }
}

```

Main.dart :

```

// lib/main.dart
import 'package:flutter/material.dart';

```

```
import 'screens/login/login_page.dart';
import 'screens/login/signup_page.dart';
import 'screens/jobs/jobs_page.dart';
import 'screens/splash_screen.dart';
```

```
void main() {
  runApp(MyApp());
}
```

```
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Upwork',
      theme: ThemeData(
        // primarySwatch: Colors.blue,
      ),
      initialRoute: '/',
      routes: {
        '/': (context) => SplashScreen(),
        '/login': (context) => LoginPage(),
        '/signup': (context) => SignupPage(),
        '/jobs': (context) => JobsPage(),
      },
    );
  }
}
```

