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MPL Experiment 3

Code:

Icons:

children: [

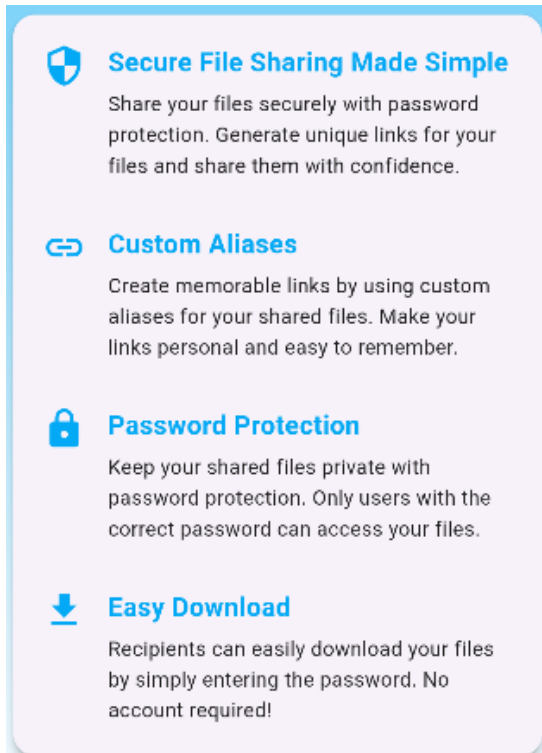
```
  _buildFeatureSection(  
    'Secure File Sharing Made Simple',  
    'Share your files securely with password protection. Generate unique links for  
your files and share them with confidence.',
```

```
    Icons.security,  
  ),  
  const SizedBox(height: 30),  
  _buildFeatureSection(  
    'Custom Aliases',  
    'Create memorable links by using custom aliases for your shared files. Make  
your links personal and easy to remember.',
```

```
    Icons.link,  
  ),  
  const SizedBox(height: 30),  
  _buildFeatureSection(  
    'Password Protection',  
    'Keep your shared files private with password protection. Only users with the  
correct password can access your files.',
```

```
    Icons.lock,  
  ),  
  const SizedBox(height: 30),  
  _buildFeatureSection(  
    'Easy Download',  
    'Recipients can easily download your files by simply entering the password. No  
account required!',
```

```
    Icons.download,  
  ),  
],
```



Images:

```
title: Row(
  children: [
    Image.asset(
      'lib/assets/img.png', // Path to your image
      height: 32, // Adjust height as needed
      width: 32, // Adjust width as needed
    ),
    const SizedBox(width: 10), // Add spacing between image and text
    const Text(
      'ShareIt',
      style: TextStyle(
        fontSize: 24,
        fontWeight: FontWeight.bold,
        color: Colors.white,
      ),
    ),
  ],
),
```



Center(

```
    child: Image.asset(  
      'lib/assets/UploadImage.png', // Path to your image  
      height: 150, // Adjust height as needed  
      width: 150, // Adjust width as needed  
    ),  
  ),
```



Fonts:

1.Add google fonts to dependencies in pubspec.yaml file and run the flutter pub get command in terminal

dependencies:

flutter:

sdk: flutter

google_fonts: ^6.1.0

Terminal: flutter pub get

2.Add import statement in the file to use the fonts

```
import 'package:google_fonts/google_fonts.dart';
```

3.Use the fonts in the textTheme field

```
theme: ThemeData(  
  primarySwatch: Colors.lightBlue,  
  scaffoldBackgroundColor: Colors.white,  
  textTheme: GoogleFonts.poppinsTextTheme(  
    Theme.of(context).textTheme,  
  ),  
)
```



ShareIt

Conclusion:

In this experiment, we successfully implemented **icons, images, and fonts** in a Flutter application. We integrated icons using the `Icons` class, added images using the `Image.asset` widgets, and customized text appearance with different fonts using the `TextStyle` class. This experiment helped in understanding how to enhance the UI by incorporating visual elements and typography, improving the overall aesthetics and user experience of the app.