MAD & PWA LAB
Experiment 3

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Aim: To include icons, images, fonts in Flutter app.

Code:

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

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

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      title: 'Telegram UI Elements',
      theme: ThemeData.dark().copyWith(
        primaryColor: const Color(0xFF0088cc), // Telegram blue
        scaffoldBackgroundColor: const Color(0xFF17212B), // Telegram dark background
        appBarTheme: const AppBarTheme(
          backgroundColor: Color(0xFF1C2B36), // Telegram app bar color
          elevation: 0,
        ),
      ),
      home: const TelegramUIPage(),
    );
  }
}

class TelegramUIPage extends StatelessWidget {
  const TelegramUIPage({super.key});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(
          'Telegram',
          style: GoogleFonts.heebo(
            fontWeight: FontWeight.w600,
            fontSize: 20,
```

```dart
          color: const Color(0xFFCED6E0), // Telegram text
        ),
      ),
      actions: [
        IconButton(
          icon: const Icon(Icons.search, color: Color(0xFFCED6E0)),
          onPressed: () {},
        ),
        IconButton(
          icon: const Icon(Icons.more_vert, color: Color(0xFFCED6E0)),
          onPressed: () {},
        ),
      ],
    ),
    body: Padding(
      padding: const EdgeInsets.all(16.0),
      child: Column(
        crossAxisAlignment: CrossAxisAlignment.start,
        children: [
          Text(
            'Main Navigation Icons:',
            style: GoogleFonts.heebo(
              fontSize: 16,
              fontWeight: FontWeight.w600,
              color: const Color(0xFFCED6E0),
            ),
          ),
          const SizedBox(height: 16),
          Row(
            mainAxisAlignment: MainAxisAlignment.spaceEvenly,
            children: const [
              Icon(Icons.home, size: 24, color: Color(0xFFCED6E0)),
              Icon(Icons.chat_bubble, size: 24, color: Color(0xFF0088cc)),
              Icon(Icons.group, size: 24, color: Color(0xFFCED6E0)),
              Icon(Icons.call, size: 24, color: Color(0xFFCED6E0)),
            ],
          ),
          const SizedBox(height: 32),
          Text(
            'Chat Actions:',
            style: GoogleFonts.heebo(
              fontSize: 16,
              fontWeight: FontWeight.w600,
              color: const Color(0xFFCED6E0),
            ),
          ),
          const SizedBox(height: 16),
          Row(
            mainAxisAlignment: MainAxisAlignment.spaceEvenly,
            children: const [
              Icon(Icons.mic, size: 24, color: Color(0xFF0088cc)),
```

```dart
              Icon(Icons.attach_file, size: 24, color: Color(0xFFCED6E0)),
              Icon(Icons.camera_alt, size: 24, color: Color(0xFFCED6E0)),
              Icon(Icons.emoji_emotions, size: 24, color: Color(0xFFCED6E0)),
            ],
          ),
          const SizedBox(height: 32),
          Text(
            'Profile/Status Style:',
            style: GoogleFonts.heebo(
              fontSize: 16,
              fontWeight: FontWeight.w600,
              color: const Color(0xFFCED6E0),
            ),
          ),
          const SizedBox(height: 16),
          Row(
            children: [
              Container(
                width: 50,
                height: 50,
                decoration: BoxDecoration(
                  shape: BoxShape.circle,
                  border: Border.all(
                    color: const Color(0xFF0088cc),
                    width: 2,
                  ),
                  color: const Color(0xFF1E2C36),
                ),
                child: const Icon(
                  Icons.person,
                  color: Color(0xFFCED6E0),
                  size: 30,
                ),
              ),
              const SizedBox(width: 16),
              Column(
                crossAxisAlignment: CrossAxisAlignment.start,
                children: [
                  Text(
                    'Contact Name',
                    style: GoogleFonts.heebo(
                      fontSize: 16,
                      fontWeight: FontWeight.w600,
                      color: Colors.white,
                    ),
                  ),
                  Text(
                    'Last seen recently',
                    style: GoogleFonts.heebo(
                      fontSize: 13,
                      color: const Color(0xFFCED6E0),
```

```dart
              ),
            ),
          ],
        ),
      ],
    ),
    const SizedBox(height: 32),
    Container(
      margin: const EdgeInsets.only(right: 50),
      padding: const EdgeInsets.all(12),
      decoration: BoxDecoration(
        color: const Color(0xFF1E2C36),
        borderRadius: BorderRadius.circular(8),
      ),
      child: Text(
        'This is a Telegram message bubble example',
        style: GoogleFonts.heebo(
          fontSize: 15,
          color: Colors.white,
        ),
      ),
    ),
  ],
),
),
floatingActionButton: FloatingActionButton(
  backgroundColor: const Color(0xFF0088cc),
  onPressed: () {},
  child: const Icon(Icons.edit), // Telegram uses pencil/edit icon
),
);
}
}
```

Output: