

## MAD & PWA LAB

### Experiment 3

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**Roll no:**24

**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: 'WhatsApp UI Elements',
      theme: ThemeData.dark().copyWith(
        primaryColor: const Color(0xFF075E54), // WhatsApp primary green
        scaffoldBackgroundColor:
          const Color(0xFF121B22), // WhatsApp dark mode background
        appBarTheme: const AppBarTheme(
          backgroundColor: Color(0xFF1F2C34), // WhatsApp dark mode app bar
          elevation: 0,
```

```

    ),
    ),
    home: const WhatsAppUIPage(),
  );
}
}

```

```

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

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(
          'WhatsApp',
          style: GoogleFonts.heebo(
            // WhatsApp uses Heebo font
            fontWeight: FontWeight.w600,
            fontSize: 20,
            color: const Color(0xFF8696A0), // WhatsApp dark mode text color
          ),
        ),
        actions: [
          IconButton(
            icon: const Icon(Icons.search, color: Color(0xFF8696A0)),
            onPressed: () {},
          ),
          IconButton(

```

```
        icon: const Icon(Icons.more_vert, color: Color(0xFF8696A0)),
        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(0xFF8696A0),
          ),
        ),
        const SizedBox(height: 16),
        Row(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: const [
            Icon(Icons.camera_alt, // Camera icon
              size: 24,
              color: Color(0xFF8696A0)),
            Icon(Icons.chat, // Chats icon
              size: 24,
              color: Color(0xFF00A884)), // WhatsApp accent green
            Icon(Icons.group, // Status icon
```

```

        size: 24,
        color: Color(0xFF8696A0)),
    Icon(Icons.call, // Calls icon
        size: 24,
        color: Color(0xFF8696A0)),
    ],
),
const SizedBox(height: 32),

Text(
    'Chat Actions:',
    style: GoogleFonts.heebo(
        fontSize: 16,
        fontWeight: FontWeight.w600,
        color: const Color(0xFF8696A0),
    ),
),
const SizedBox(height: 16),
Row(
    mainAxisAlignment: MainAxisAlignment.spaceEvenly,
    children: const [
        Icon(Icons.mic, // Voice message
            size: 24,
            color: Color(0xFF00A884)),
        Icon(Icons.attach_file, // Attachments
            size: 24,
            color: Color(0xFF8696A0)),
        Icon(Icons.photo_camera, // Camera in chat
            size: 24,
```

```
        color: Color(0xFF8696A0)),
Icon(Icons.emoji_emotions, // Emoji
    size: 24,
    color: Color(0xFF8696A0)),
],
),
const SizedBox(height: 32),
```

```
// Profile/Status Image Example
```

```
Text(
  'Profile/Status Style:',
  style: GoogleFonts.heebo(
    fontSize: 16,
    fontWeight: FontWeight.w600,
    color: const Color(0xFF8696A0),
  ),
),
const SizedBox(height: 16),
Row(
  children: [
    Container(
      width: 50,
      height: 50,
      decoration: BoxDecoration(
        shape: BoxShape.circle,
        border: Border.all(
          color: const Color(0xFF00A884),
          width: 2,
        ),
      ),
```

```
        color: const Color(
          0xFF233239), // WhatsApp dark mode secondary background
      ),
      child: const Icon(
        Icons.person,
        color: Color(0xFF8696A0),
        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 today at 12:00 PM',
          style: GoogleFonts.heebo(
            fontSize: 13,
            color: const Color(0xFF8696A0),
          ),
        ),
      ],
    ),
  ],
),
```

```

    ),
  ],
),
const SizedBox(height: 32),

// Message Bubble Example
Container(
  margin: const EdgeInsets.only(right: 50),
  padding: const EdgeInsets.all(12),
  decoration: BoxDecoration(
    color: const Color(
      0xFF233239), // WhatsApp dark mode message bubble
    borderRadius: BorderRadius.circular(8),
  ),
  child: Text(
    'This is a WhatsApp message bubble example',
    style: GoogleFonts.heebo(
      fontSize: 15,
      color: Colors.white,
    ),
  ),
),
],
),
),
floatingActionButton: FloatingActionButton(
  backgroundColor: const Color(0xFF00A884),
  onPressed: () {},
  child: const Icon(Icons.message),

```

```
    ),  
    );  
}  
}
```

**Output:**

