Whatsapp user interface using flutter:

By:

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Code:

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

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

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'WhatsApp',
      theme: ThemeData(
        primaryColor: const Color(0xff075E54), // WhatsApp green
        appBarTheme: const AppBarTheme(
          backgroundColor: Color(0xff075E54),
          titleTextStyle: TextStyle(color: Colors.white),
        ),
      ),
      home: const WhatsAppHomePage(),
    );
  }
}

class WhatsAppHomePage extends StatefulWidget {
  const WhatsAppHomePage({super.key});

  @override
  State<WhatsAppHomePage> createState() => _WhatsAppHomePageState();
}

class _WhatsAppHomePageState extends State<WhatsAppHomePage>
    with SingleTickerProviderStateMixin {
  late final TabController _tabController;

  @override
  void initState() {
    super.initState();
    _tabController = TabController(length: 3, vsync: this);
  }
```

```dart
  @override
  void dispose() {
    _tabController.dispose();
    super.dispose();
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('WhatsApp'),
        actions: [
          IconButton(
            icon: const Icon(Icons.search),
            onPressed: () {},
          ),
          IconButton(
            icon: const Icon(Icons.more_vert),
            onPressed: () {},
          ),
        ],
        bottom: TabBar(
          controller: _tabController,
          tabs: const [
            Tab(icon: Icon(Icons.chat, color: Colors.white)), // White chat icon
            Tab(
              icon:
                  Icon(Icons.group, color: Colors.white)), // White group icon
            Tab(icon: Icon(Icons.call, color: Colors.white)), // White call icon
          ],
        ),
      ),
      body: TabBarView(
        controller: _tabController,
        children: const [
          ChatList(),
          Text('Groups'), // Replace with GroupsList widget
          Text('Calls'), // Replace with CallsList widget
        ],
      ),
      floatingActionButton: FloatingActionButton(
        onPressed: () {},
        child: const Icon(Icons.chat),
      ),
    );
  }
}

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

```dart
  @override
  Widget build(BuildContext context) {
    return ListView.builder(
      itemCount: 10, // Replace with actual chat data length
      itemBuilder: (context, index) {
        return ListTile(
          leading: CircleAvatar(
            backgroundImage: NetworkImage('https://placeimg.com/64/64/people'),
          ),
          title: Text('Contact $index'),
          subtitle: Text('This is a message'),
          trailing: const Icon(Icons.more_vert),
        );
      },
    );
  }
}
```