Flutter Project Documentation

This document contains in-code documentation extracted and annotated from the Dart source files of your Flutter project.

main.dart

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

// Entry point of the Flutter app
void main() {
// Launches the main widget of the app
  runApp(MyApp());
}

// A widget that doesn't hold mutable state
class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Stitch Design',
      theme: ThemeData(
        primarySwatch: Colors.blue,
        scaffoldBackgroundColor: Colors.black,
      ),
      home: TradingLoginScreen(),
      debugShowCheckedModeBanner: false,
    );
  }
}

// A widget that holds mutable state
class TradingLoginScreen extends StatefulWidget {
  @override
  _TradingLoginScreenState createState() => _TradingLoginScreenState();
}

class _TradingLoginScreenState extends State<TradingLoginScreen> {
// Controller to handle text input
  final TextEditingController _emailController = TextEditingController();
// Controller to handle text input
  final TextEditingController _passwordController = TextEditingController();
  bool _rememberMe = false;
  bool _isPasswordVisible = false;

  @override
  void initState() {
    super.initState();
    _emailController.text = 'xyz@gmail.com';
    _passwordController.text = 'xyz';
  }

  @override
  void dispose() {
    _emailController.dispose();
    _passwordController.dispose();
    super.dispose();
  }

  void _handleSignIn() {
    showDialog(
      context: context,
      builder: (BuildContext context) {
        return AlertDialog(
          backgroundColor: Color(0xFF1E1E1E),
          title: Text(
            'Sign In',
            style: TextStyle(color: Colors.white),
          ),
          content: Text(
            'Email: ${_emailController.text}\nPassword: ${_passwordController.text.replaceAll(RegExp(r'.'), '*')}\nRemember me: $_rememberMe',
            style: TextStyle(color: Colors.white70),
          ),
          actions: [
            TextButton(
              onPressed: () => Navigator.of(context).pop(),
              child: Text(
                'OK',
                style: TextStyle(color: Color(0xFF007AFF)),
              ),
            ),
          ],
        );
      },
    );
  }

  void _handleForgotPassword() {
    showDialog(
      context: context,
      builder: (BuildContext context) {
        return AlertDialog(
          backgroundColor: Color(0xFF1E1E1E),
          title: Text(
            'Password Reset',
            style: TextStyle(color: Colors.white),
          ),
          content: Text(
            'Your password has been reset to: 123\n\nPlease use this temporary password to sign in.',
            style: TextStyle(color: Colors.white70),
          ),
          actions: [
            TextButton(
              onPressed: () {
                Navigator.of(context).pop();
// Notify Flutter that the internal state has changed
                setState(() {
                  _passwordController.text = '123';
                });
              },
              child: Text(
                'OK',
                style: TextStyle(color: Color(0xFF007AFF)),
              ),
            ),
          ],
        );
      },
    );
  }

  void _handleSignUp() {
    showDialog(
      context: context,
      builder: (BuildContext context) {
        return SignUpDialog();
      },
    );
  }

  @override
  Widget build(BuildContext context) {
// Provides the basic material design visual layout structure
    return Scaffold(
      backgroundColor: Colors.black,
      body: SafeArea(
        child: Container(
          width: double.infinity,
          height: MediaQuery.of(context).size.height,
          child: Stack(
            children: [
              Positioned.fill(
                child: Container(
                  decoration: BoxDecoration(
                    gradient: LinearGradient(
                      begin: Alignment.topCenter,
                      end: Alignment.bottomCenter,
                      colors: [
                        Colors.black,
                        Colors.grey.withOpacity(0.1),
                        Colors.black,
                      ],
                    ),
                  ),
                  child: CustomPaint(
                    painter: TradingChartPainter(),
                  ),
                ),
              ),
              Center(
                child: Container(
                  width: MediaQuery.of(context).size.width * 0.9,
                  constraints: BoxConstraints(
                    maxWidth: 390,
                    minHeight: MediaQuery.of(context).size.height * 0.8,
                  ),
                  child: Column(
                    mainAxisAlignment: MainAxisAlignment.center,
                    children: [
                      Expanded(
                        flex: 2,
                        child: Container(
                          width: double.infinity,
                          decoration: BoxDecoration(
                            gradient: LinearGradient(
                              begin: Alignment.topLeft,
                              end: Alignment.bottomRight,
                              colors: [
                                Colors.blue.withOpacity(0.1),
                                Colors.transparent,
                              ],
                            ),
                          ),
                          child: Stack(
                            children: [
                              CustomPaint(
                                painter: TradingChartPainter(),
                                size: Size.infinite,
                              ),
                              Positioned(
                                bottom: 20,
                                right: 40,
                                child: Container(
                                  width: 80,
                                  height: 60,
                                  decoration: BoxDecoration(
                                    gradient: LinearGradient(
                                      begin: Alignment.topLeft,
                                      end: Alignment.bottomRight,
                                      colors: [
                                        Colors.amber.withOpacity(0.8),
                                        Colors.orange.withOpacity(0.6),
                                      ],
                                    ),
                                    borderRadius: BorderRadius.circular(8),
                                    boxShadow: [
                                      BoxShadow(
                                        color: Colors.black.withOpacity(0.3),
                                        blurRadius: 10,
                                        offset: Offset(0, 5),
                                      ),
                                    ],
                                  ),
                                  child: Icon(
                                    Icons.monetization_on_outlined,
                                    color: Colors.white,
                                    size: 40,
                                  ),
                                ),
                              ),
                            ],
                          ),
                        ),
                      ),
                      Container(
                        width: double.infinity,
                        padding: EdgeInsets.all(32),
                        decoration: BoxDecoration(
                          color: Color(0xFF1A1A1A),
                          borderRadius: BorderRadius.circular(12),
                          border: Border.all(
                            color: Colors.grey.withOpacity(0.2),
                            width: 1,
                          ),
                        ),
                        child: Column(
                          crossAxisAlignment: CrossAxisAlignment.start,
                          mainAxisSize: MainAxisSize.min,
                          children: [
                            Text(
                              'Welcome back',
                              style: TextStyle(
                                color: Colors.white,
                                fontSize: 24,
                                fontWeight: FontWeight.w600,
                              ),
                            ),
                            SizedBox(height: 32),
                            Container(
                              decoration: BoxDecoration(
                                color: Color(0xFF2A2A2A),
                                borderRadius: BorderRadius.circular(8),
                                border: Border.all(
                                  color: Colors.grey.withOpacity(0.3),
                                  width: 1,
                                ),
                              ),
// User input field
                              child: TextField(
                                controller: _emailController,
                                style: TextStyle(color: Colors.white),
                                decoration: InputDecoration(
                                  hintText: 'Email',
                                  hintStyle: TextStyle(
                                    color: Colors.grey,
                                    fontSize: 16,
                                  ),
                                  border: InputBorder.none,
                                  contentPadding: EdgeInsets.symmetric(
                                    horizontal: 16,
                                    vertical: 16,
                                  ),
                                ),
                                keyboardType: TextInputType.emailAddress,
                              ),
                            ),
                            SizedBox(height: 16),
                            Container(
                              decoration: BoxDecoration(
                                color: Color(0xFF2A2A2A),
                                borderRadius: BorderRadius.circular(8),
                                border: Border.all(
                                  color: Colors.grey.withOpacity(0.3),
                                  width: 1,
                                ),
                              ),
// User input field
                              child: TextField(
                                controller: _passwordController,
                                style: TextStyle(color: Colors.white),
                                obscureText: !_isPasswordVisible,
                                decoration: InputDecoration(
                                  hintText: 'Password',
                                  hintStyle: TextStyle(
                                    color: Colors.grey,
                                    fontSize: 16,
                                  ),
                                  border: InputBorder.none,
                                  contentPadding: EdgeInsets.symmetric(
                                    horizontal: 16,
                                    vertical: 16,
                                  ),
                                  suffixIcon: IconButton(
                                    icon: Container(
                                      padding: EdgeInsets.all(2),
                                      decoration: BoxDecoration(
                                        color: Colors.white.withOpacity(0.1),
                                        borderRadius: BorderRadius.circular(4),
                                      ),
                                      child: Icon(
                                        _isPasswordVisible
                                            ? Icons.visibility_off
                                            : Icons.visibility,
                                        color: Colors.grey,
                                        size: 16,
                                      ),
                                    ),
                                    onPressed: () {
// Notify Flutter that the internal state has changed
                                      setState(() {
                                        _isPasswordVisible = !_isPasswordVisible;
                                      });
                                    },
                                  ),
                                ),
                              ),
                            ),
                            SizedBox(height: 16),
                            Row(
                              children: [
                                Transform.scale(
                                  scale: 0.8,
                                  child: Checkbox(
                                    value: _rememberMe,
                                    onChanged: (value) {
// Notify Flutter that the internal state has changed
                                      setState(() {
                                        _rememberMe = value ?? false;
                                      });
                                    },
                                    activeColor: Color(0xFF007AFF),
                                    checkColor: Colors.white,
                                    side: BorderSide(
                                      color: Colors.grey,
                                      width: 1,
                                    ),
                                  ),
                                ),
                                Text(
                                  'Remember me',
                                  style: TextStyle(
                                    color: Colors.grey,
                                    fontSize: 14,
                                  ),
                                ),
                              ],
                            ),
                            SizedBox(height: 24),
                            Container(
                              width: double.infinity,
                              height: 48,
// A material design styled button
                              child: ElevatedButton(
                                onPressed: _handleSignIn,
// A material design styled button
                                style: ElevatedButton.styleFrom(
                                  backgroundColor: Color(0xFF007AFF),
                                  foregroundColor: Colors.white,
                                  elevation: 0,
                                  shape: RoundedRectangleBorder(
                                    borderRadius: BorderRadius.circular(8),
                                  ),
                                ),
                                child: Text(
                                  'Sign In',
                                  style: TextStyle(
                                    fontSize: 16,
                                    fontWeight: FontWeight.w500,
                                  ),
                                ),
                              ),
                            ),
                            SizedBox(height: 16),
                            Center(
                              child: TextButton(
                                onPressed: _handleForgotPassword,
                                child: Text(
                                  'Forgot Password?',
                                  style: TextStyle(
                                    color: Colors.grey,
                                    fontSize: 14,
                                  ),
                                ),
                              ),
                            ),
                            SizedBox(height: 8),
                            Center(
                              child: TextButton(
                                onPressed: _handleSignUp,
                                child: Text(
                                  'Sign Up',
                                  style: TextStyle(
                                    color: Colors.grey,
                                    fontSize: 14,
                                  ),
                                ),
                              ),
                            ),
                            SizedBox(height: 24),
                            Center(
                              child: Text(
                                'Secured by reCAPTCHA and HTTPS',
                                style: TextStyle(
                                  color: Colors.grey.withOpacity(0.6),
                                  fontSize: 12,
                                ),
                              ),
                            ),
                          ],
                        ),
                      ),
                      SizedBox(height: 40),
                    ],
                  ),
                                  ),
                                ),
                              ],
                            ),
                          ),
                        ),
                      );
                    }
                  }

                  // A widget that holds mutable state
                  class SignUpDialog extends StatefulWidget {
                    @override
                    _SignUpDialogState createState() => _SignUpDialogState();
                  }

                  class _SignUpDialogState extends State<SignUpDialog> {
                  // Controller to handle text input
                    final TextEditingController _nameController = TextEditingController();
                  // Controller to handle text input
                    final TextEditingController _phoneController = TextEditingController();
                  // Controller to handle text input
                    final TextEditingController _emailController = TextEditingController();
                  // Controller to handle text input
                    final TextEditingController _passwordController = TextEditingController();
                    bool _isPasswordVisible = false;

                    @override
                    void dispose() {
                      _nameController.dispose();
                      _phoneController.dispose();
                      _emailController.dispose();
                      _passwordController.dispose();
                      super.dispose();
                    }

                    void _handleSignUp() {
                      if (_nameController.text.isEmpty ||
                          _phoneController.text.isEmpty ||
                          _emailController.text.isEmpty ||
                          _passwordController.text.isEmpty) {
                        showDialog(
                          context: context,
                          builder: (BuildContext context) {
                            return AlertDialog(
                              backgroundColor: Color(0xFF1E1E1E),
                              title: Text(
                                'Error',
                                style: TextStyle(color: Colors.red),
                              ),
                              content: Text(
                                'Please fill in all fields.',
                                style: TextStyle(color: Colors.white70),
                              ),
                              actions: [
                                TextButton(
                                  onPressed: () => Navigator.of(context).pop(),
                                  child: Text(
                                    'OK',
                                    style: TextStyle(color: Color(0xFF007AFF)),
                                  ),
                                ),
                              ],
                            );
                          },
                        );
                        return;
                      }

                      Navigator.of(context).pop();

                      showDialog(
                        context: context,
                        builder: (BuildContext context) {
                          return AlertDialog(
                            backgroundColor: Color(0xFF1E1E1E),
                            title: Text(
                              'Sign Up Successful',
                              style: TextStyle(color: Colors.green),
                            ),
                            content: Text(
                              'Welcome ${_nameController.text}!\n\nYour account has been created successfully.\n\nName: ${_nameController.text}\nPhone: ${_phoneController.text}\nEmail: ${_emailController.text}',
                              style: TextStyle(color: Colors.white70),
                            ),
                            actions: [
                              TextButton(
                                onPressed: () => Navigator.of(context).pop(),
                                child: Text(
                                  'Continue',
                                  style: TextStyle(color: Color(0xFF007AFF)),
                                ),
                              ),
                            ],
                          );
                        },
                      );
                    }

                    @override
                    Widget build(BuildContext context) {
                      return Dialog(
                        backgroundColor: Color(0xFF1E1E1E),
                        shape: RoundedRectangleBorder(
                          borderRadius: BorderRadius.circular(12),
                        ),
                        child: Container(
                          width: MediaQuery.of(context).size.width * 0.9,
                          constraints: BoxConstraints(maxWidth: 400),
                          padding: EdgeInsets.all(24),
                          child: Column(
                            mainAxisSize: MainAxisSize.min,
                            crossAxisAlignment: CrossAxisAlignment.start,
                            children: [
                              Text(
                                'Create Account',
                                style: TextStyle(
                                  color: Colors.white,
                                  fontSize: 24,
                                  fontWeight: FontWeight.w600,
                                ),
                              ),
                              SizedBox(height: 24),
                  // User input field
                              _buildTextField(
                                controller: _nameController,
                                hintText: 'Full Name',
                                keyboardType: TextInputType.name,
                              ),
                              SizedBox(height: 16),
                  // User input field
                              _buildTextField(
                                controller: _phoneController,
                                hintText: 'Phone Number',
                                keyboardType: TextInputType.phone,
                              ),
                              SizedBox(height: 16),
                  // User input field
                              _buildTextField(
                                controller: _emailController,
                                hintText: 'Email',
                                keyboardType: TextInputType.emailAddress,
                              ),
                              SizedBox(height: 16),
                              Container(
                                decoration: BoxDecoration(
                                  color: Color(0xFF2A2A2A),
                                  borderRadius: BorderRadius.circular(8),
                                  border: Border.all(
                                    color: Colors.grey.withOpacity(0.3),
                                    width: 1,
                                  ),
                                ),
                  // User input field
                                child: TextField(
                                  controller: _passwordController,
                                  style: TextStyle(color: Colors.white),
                                  obscureText: !_isPasswordVisible,
                                  decoration: InputDecoration(
                                    hintText: 'Password',
                                    hintStyle: TextStyle(
                                      color: Colors.grey,
                                      fontSize: 16,
                                    ),
                                    border: InputBorder.none,
                                    contentPadding: EdgeInsets.symmetric(
                                      horizontal: 16,
                                      vertical: 16,
                                    ),
                                    suffixIcon: IconButton(
                                      icon: Container(
                                        padding: EdgeInsets.all(2),
                                        decoration: BoxDecoration(
                                          color: Colors.white.withOpacity(0.1),
                                          borderRadius: BorderRadius.circular(4),
                                        ),
                                        child: Icon(
                                          _isPasswordVisible
                                              ? Icons.visibility_off
                                              : Icons.visibility,
                                          color: Colors.grey,
                                          size: 16,
                                        ),
                                      ),
                                      onPressed: () {
                  // Notify Flutter that the internal state has changed
                                        setState(() {
                                          _isPasswordVisible = !_isPasswordVisible;
                                        });
                                      },
                                    ),
                                  ),
                                ),
                              ),
                              SizedBox(height: 24),
                              Container(
                                width: double.infinity,
                                height: 48,
                  // A material design styled button
                                child: ElevatedButton(
                                  onPressed: _handleSignUp,
                  // A material design styled button
                                  style: ElevatedButton.styleFrom(
                                    backgroundColor: Color(0xFF007AFF),
                                    foregroundColor: Colors.white,
                                    elevation: 0,
                                    shape: RoundedRectangleBorder(
                                      borderRadius: BorderRadius.circular(8),
                                    ),
                                  ),
                                  child: Text(
                                    'Sign Up',
                                    style: TextStyle(
                                      fontSize: 16,
                                      fontWeight: FontWeight.w500,
                                    ),
                                  ),
                                ),
                              ),
                              SizedBox(height: 16),
                              Container(
                                width: double.infinity,
                                height: 48,
                                child: TextButton(
                                  onPressed: () => Navigator.of(context).pop(),
                                  child: Text(
                                    'Cancel',
                                    style: TextStyle(
                                      color: Colors.grey,
                                      fontSize: 16,
                                    ),
                                  ),
                                ),
                              ),
                            ],
                          ),
                        ),
                      );
                    }

                  // User input field
                    Widget _buildTextField({
                  // Controller to handle text input
                      required TextEditingController controller,
                      required String hintText,
                      required TextInputType keyboardType,
                    }) {
                      return Container(
                        decoration: BoxDecoration(
                          color: Color(0xFF2A2A2A),
                          borderRadius: BorderRadius.circular(8),
                          border: Border.all(
                            color: Colors.grey.withOpacity(0.3),
                            width: 1,
                          ),
                        ),
                  // User input field
                        child: TextField(
                          controller: controller,
                          style: TextStyle(color: Colors.white),
                          decoration: InputDecoration(
                            hintText: hintText,
                            hintStyle: TextStyle(
                              color: Colors.grey,
                              fontSize: 16,
                            ),
                            border: InputBorder.none,
                            contentPadding: EdgeInsets.symmetric(
                              horizontal: 16,
                              vertical: 16,
                            ),
                          ),
                          keyboardType: keyboardType,
                        ),
                      );
                    }
                  }

                  class TradingChartPainter extends CustomPainter {
                    @override
                    void paint(Canvas canvas, Size size) {
                      final paint = Paint()
                        ..strokeWidth = 2
                        ..style = PaintingStyle.stroke;

                      final Random random = Random(42);
                      final double candleWidth = size.width / 20;

                      for (int i = 0; i < 20; i++) {
                        final double x = i * candleWidth + candleWidth / 2;
                        final double high = random.nextDouble() * size.height * 0.4 + size.height * 0.1;
                        final double low = high + random.nextDouble() * size.height * 0.2;
                        final double open = high + random.nextDouble() * (low - high);
                        final double close = high + random.nextDouble() * (low - high);

                        final bool isGreen = close > open;
                        paint.color = isGreen ? Colors.green : Colors.red;

                        canvas.drawLine(
                          Offset(x, high),
                          Offset(x, low),
                          paint,
                        );

                        paint.style = PaintingStyle.fill;
                        canvas.drawRect(
                          Rect.fromLTWH(
                            x - candleWidth * 0.3,
                            isGreen ? close : open,
                            candleWidth * 0.6,
                            (isGreen ? open - close : close - open).abs(),
                          ),
                          paint,
                        );
                        paint.style = PaintingStyle.stroke;
                      }
                    }

                    @override
                    bool shouldRepaint(covariant CustomPainter oldDelegate) => false;
                  }
```

proversion.dart

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

// Entry point of the Flutter app
void main() {
// Launches the main widget of the app
  runApp(const MyApp());
}

// A widget that doesn't hold mutable state
class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Upgrade to Pro',
      theme: ThemeData.dark(),
      home: const ProVersionPurchasePage(),
    );
  }
}

// A widget that doesn't hold mutable state
class ProVersionPurchasePage extends StatelessWidget {
  const ProVersionPurchasePage({super.key});

  @override
  Widget build(BuildContext context) {
// Provides the basic material design visual layout structure
    return Scaffold(
// Top bar of the app screen
      appBar: AppBar(
        title: const Text('Upgrade to Pro'),
      ),
      body: SingleChildScrollView(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          crossAxisAlignment: CrossAxisAlignment.start,
          children: [
            const Text(
              'Unlock Pro Features',
              style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
            ),
            const SizedBox(height: 16),
            const Text(
                'Get real-time stock alerts, advanced analytics, an ad-free experience,
and priority support.',
              style: TextStyle(fontSize: 16),
            ),
            const SizedBox(height: 24),
            const ProFeaturesCard(),
            const SizedBox(height: 24),
            const Text(
              'Pricing Plans',
              style: TextStyle(fontSize: 20, fontWeight: FontWeight.bold),
            ),
            const SizedBox(height: 16),
            const PricingPlansCard(),
          ],
        ),
      ),
    );
  }
}

// A widget that doesn't hold mutable state
class ProFeaturesCard extends StatelessWidget {
  const ProFeaturesCard({super.key});

  @override
  Widget build(BuildContext context) {
    return Card(
      shape: RoundedRectangleBorder(
        borderRadius: BorderRadius.circular(10.0),
      ),
      elevation: 4,
      child: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          children: const [
            FeatureListTile(
              icon: Icons.notifications_active,
              title: 'Real-time Stock Alerts',
              subtitle: 'Get instant notifications for stock price changes.',
            ),
            FeatureListTile(
              icon: Icons.analytics,
              title: 'Advanced Analytics',
              subtitle: 'Access in-depth analysis tools for better investment
decisions.',
            ),
            FeatureListTile(
              icon: Icons.ad_units,
              title: 'Ad-Free Experience',
              subtitle: 'Enjoy an uninterrupted experience without ads.',
            ),
            FeatureListTile(
              icon: Icons.support_agent,
              title: 'Priority Support',
              subtitle: 'Receive faster and more personalized assistance.',
            ),
          ],
        ),
      ),
    );
  }
```

```
}

// A widget that doesn't hold mutable state
class FeatureListTile extends StatelessWidget {
  final IconData icon;
  final String title;
  final String subtitle;

  const FeatureListTile({
    super.key,
    required this.icon,
    required this.title,
    required this.subtitle,
  });

  @override
  Widget build(BuildContext context) {
    return ListTile(
      leading: Icon(icon, color: Colors.green),
      title: Text(title),
      subtitle: Text(subtitle),
    );
  }
}

// A widget that doesn't hold mutable state
class PricingPlansCard extends StatelessWidget {
  const PricingPlansCard({super.key});

  @override
  Widget build(BuildContext context) {
    return Card(
      shape: RoundedRectangleBorder(
        borderRadius: BorderRadius.circular(10.0),
      ),
      elevation: 4,
      child: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Column(
          children: [
            const PricingOption(
              price: '\$9.99/month',
              period: 'Monthly',
              isBestValue: false,
            ),
            const SizedBox(height: 16),
            const PricingOption(
              price: '\$99.99/year',
              period: 'Yearly',
              isBestValue: true,
            ),
          ],
        ),
      ),
```

```dart
    );
  }
}

// A widget that doesn't hold mutable state
class PricingOption extends StatelessWidget {
  final String price;
  final String period;
  final bool isBestValue;

  const PricingOption({
    super.key,
    required this.price,
    required this.period,
    required this.isBestValue,
  });

  @override
  Widget build(BuildContext context) {
    return Container(
      padding: const EdgeInsets.all(16),
      decoration: BoxDecoration(
        borderRadius: BorderRadius.circular(8),
        border: Border.all(color: Colors.grey),
        color: isBestValue ? Colors.green.withOpacity(0.1) : Colors.transparent,
      ),
      child: Column(
        children: [
          Row(
            mainAxisAlignment: MainAxisAlignment.spaceBetween,
            children: [
              Text(
                period,
                style: const TextStyle(fontSize: 18, fontWeight: FontWeight.bold),
              ),
              if (isBestValue)
                Container(
                  padding: const EdgeInsets.symmetric(horizontal: 8, vertical: 4),
                  decoration: BoxDecoration(
                    color: Colors.green,
                    borderRadius: BorderRadius.circular(12),
                  ),
                  child: const Text(
                    'Best Value',
                    style: TextStyle(color: Colors.white, fontSize: 12),
                  ),
                ),
            ],
          ),
          const SizedBox(height: 8),
          Text(
            price,
            style: const TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
          ),
          const SizedBox(height: 16),
          SizedBox(
            width: double.infinity,
// A material design styled button
            child: ElevatedButton(
              onPressed: () {
                // Handle upgrade logic
              },
// A material design styled button
              style: ElevatedButton.styleFrom(
                backgroundColor: Colors.green,
                padding: const EdgeInsets.symmetric(vertical: 12),
              ),
              child: const Text('Upgrade Now'),
            ),
          ),
        ],
      ),
    );
  }
}
```