1. **Create app icons and a splash screen for a sample Flutter app.**

**Step 1: Install Required Packages**

You’ll need these two Flutter packages:

dependencies:

flutter:

sdk: flutter

dev\_dependencies:

flutter\_launcher\_icons: ^0.14.1

flutter\_native\_splash: ^2.4.1

Then run:

flutter pub get

**Step 2: Create Your App Icon**

**1. Place your app icon image:**

Add your image (e.g. icon.png) to the root directory of your Flutter project — usually inside:

assets/images/icon.png

**2. Add configuration to pubspec.yaml:**

flutter\_launcher\_icons:

android: true

ios: true

image\_path: "assets/images/icon.png"

min\_sdk\_android: 21

adaptive\_icon\_background: "#ffffff"

adaptive\_icon\_foreground: "assets/images/icon.png"

**3. Generate the icons:**

Run this command:

flutter pub run flutter\_launcher\_icons

✅ This automatically replaces all your app icons on Android and iOS.

**Step 3: Create the Splash Screen**

**1. Place a splash image:**

Example:

assets/images/splash.png

**2. Add splash configuration in pubspec.yaml:**

flutter\_native\_splash:

color: "#ffffff"

image: assets/images/splash.png

branding: assets/images/brand\_logo.png # optional

android\_12:

color: "#ffffff"

image: assets/images/splash.png

**3. Generate the splash screen:**

Run:

flutter pub run flutter\_native\_splash:create

This will automatically create the splash screen for both Android & iOS.

**Step 4: Test Your Splash Screen**

Run your app:

flutter run

You’ll see your new splash screen appear while the app loads — followed by your home screen with the new app icon.

**Optional Tips**

* Use **transparent PNGs** for best icon results.
* Ensure your splash image is **centered and not too detailed**.
* You can easily customize with gradients, logos, or animations later (using packages like animated\_splash\_screen).

**REFERENCE**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Flutter App Icon and Splash Screen Concept</title>

    <!-- Load Tailwind CSS -->

    <script src="https://cdn.tailwindcss.com"></script>

    <style>

        /\* Custom font import for modern look \*/

        @import url('https://fonts.googleapis.com/css2?family=Inter:wght@100..900&display=swap');

        :root {

            --flutter-blue: #027DFD;

            --flutter-teal: #40C4FF;

            --dark-bg: #1A202C;

        }

        body {

            font-family: 'Inter', sans-serif;

            background-color: #f7f9fc;

            min-height: 100vh;

        }

        /\* Keyframe for the splash screen pulsing effect \*/

        @keyframes pulse-icon {

            0%, 100% { transform: scale(1); opacity: 0.85; }

            50% { transform: scale(1.1); opacity: 1; }

        }

        .splash-icon {

            animation: pulse-icon 2.5s infinite ease-in-out;

        }

        /\* Custom styles for the app icon background to simulate native look \*/

        .icon-shadow {

            box-shadow: 0 10px 20px rgba(0, 0, 0, 0.2), 0 6px 6px rgba(0, 0, 0, 0.15);

        }

        .loader-dot {

            width: 8px;

            height: 8px;

            background-color: var(--flutter-teal);

            border-radius: 50%;

            margin: 0 4px;

            animation: bounce 1.4s infinite ease-in-out both;

        }

        .loader-dot:nth-child(1) { animation-delay: -0.32s; }

        .loader-dot:nth-child(2) { animation-delay: -0.16s; }

        .loader-dot:nth-child(3) { animation-delay: 0s; }

        @keyframes bounce {

            0%, 80%, 100% { transform: scale(0); }

            40% { transform: scale(1.0); }

        }

    </style>

</head>

<body class="p-4 md:p-8">

    <div class="max-w-6xl mx-auto">

        <header class="mb-10 p-6 bg-white rounded-xl shadow-lg">

            <h1 class="text-3xl font-extrabold text-gray-900">App Branding Concept</h1>

            <p class="text-gray-600 mt-1">Modern, clean design using Flutter's signature color palette.</p>

        </header>

        <div class="grid grid-cols-1 lg:grid-cols-2 gap-8">

            <!-- 1. App Icon Design Preview -->

            <div class="bg-white p-6 rounded-xl shadow-lg">

                <h2 class="text-2xl font-bold mb-6 text-gray-800 border-b pb-3">1. App Icon Design</h2>

                <div class="flex flex-col items-center">

                    <div class="w-32 h-32 rounded-3xl bg-indigo-600 icon-shadow flex items-center justify-center p-4 transition-transform hover:scale-105 duration-300">

                        <!-- Stylized SVG Icon (Abstract Flutter Wing/Feather) -->

                        <svg class="w-full h-full text-white" viewBox="0 0 24 24" fill="none" xmlns="http://www.w3.org/2000/svg">

                            <path fill-rule="evenodd" clip-rule="evenodd"

                                  d="M12.0001 0.709961C12.4496 0.709961 12.8001 1.0604 12.8001 1.50996V10.1519C12.8001 10.6014 12.4496 10.9519 12.0001 10.9519C11.5505 10.9519 11.2001 10.6014 11.2001 10.1519V1.50996C11.2001 1.0604 11.5505 0.709961 12.0001 0.709961Z"

                                  fill="currentColor"/>

                            <path fill-rule="evenodd" clip-rule="evenodd"

                                  d="M17.0275 1.76159C17.476 1.57962 17.9892 1.81559 18.1712 2.26417L22.9912 14.2862C23.1732 14.7348 22.9372 15.248 22.4886 15.4299C22.0401 15.6119 21.5268 15.3759 21.3449 14.9274L16.5249 2.90533C16.3429 2.45674 16.5789 1.94348 17.0275 1.76159Z"

                                  fill="var(--flutter-teal)"/>

                            <path fill-rule="evenodd" clip-rule="evenodd"

                                  d="M6.97255 1.76159C7.42113 1.94348 7.6571 2.45674 7.47513 2.90533L2.65513 14.9274C2.47316 15.3759 2.23719 15.6119 1.78861 15.4299C1.34002 15.248 1.10405 14.7348 1.28602 14.2862L6.10602 2.26417C6.28799 1.81559 6.80126 1.57962 6.97255 1.76159Z"

                                  fill="var(--flutter-blue)"/>

                            <path fill-rule="evenodd" clip-rule="evenodd"

                                  d="M12.0001 22.29C12.4496 22.29 12.8001 21.9395 12.8001 21.49V12.848C12.8001 12.3985 12.4496 12.048 12.0001 12.048C11.5505 12.048 11.2001 12.3985 11.2001 12.848V21.49C11.2001 21.9395 11.5505 22.29 12.0001 22.29Z"

                                  fill="var(--flutter-teal)"/>

                        </svg>

                    </div>

                    <p class="mt-4 text-sm text-gray-500">Preview: Android/iOS Square Icon</p>

                </div>

                <div class="mt-8">

                    <h3 class="text-xl font-semibold mb-2 text-gray-700">Design Rationale:</h3>

                    <ul class="list-disc list-inside text-gray-600 space-y-1">

                        <li><strong class="text-indigo-600">Shape:</strong> An abstract form inspired by the Flutter "feather" logo for motion and modern appeal.</li>

                        <li><strong class="text-indigo-600">Color:</strong> High-contrast indigo background (`#3730A3`) with white/teal/blue accents, utilizing the primary Flutter colors (`#027DFD`, `#40C4FF`).</li>

                        <li><strong class="text-indigo-600">Simplicity:</strong> Ensures recognition at small sizes on home screens.</li>

                    </ul>

                </div>

            </div>

            <!-- 2. Splash Screen Design Preview -->

            <div class="rounded-xl shadow-2xl overflow-hidden relative" style="min-height: 500px;">

                <!-- Full Screen Splash Simulation -->

                <div class="absolute inset-0 bg-gray-900 flex flex-col items-center justify-center p-8">

                    <div class="text-center">

                        <!-- Splash Icon - Larger and Animated -->

                        <div class="w-24 h-24 sm:w-32 sm:h-32 p-3 sm:p-4 rounded-3xl flex items-center justify-center splash-icon">

                             <!-- Use the same SVG, but color it white for contrast -->

                             <svg class="w-full h-full text-white" viewBox="0 0 24 24" fill="none" xmlns="http://www.w3.org/2000/svg">

                                <path fill-rule="evenodd" clip-rule="evenodd"

                                      d="M12.0001 0.709961C12.4496 0.709961 12.8001 1.0604 12.8001 1.50996V10.1519C12.8001 10.6014 12.4496 10.9519 12.0001 10.9519C11.5505 10.9519 11.2001 10.6014 11.2001 10.1519V1.50996C11.2001 1.0604 11.5505 0.709961 12.0001 0.709961Z"

                                      fill="currentColor"/>

                                <path fill-rule="evenodd" clip-rule="evenodd"

                                      d="M17.0275 1.76159C17.476 1.57962 17.9892 1.81559 18.1712 2.26417L22.9912 14.2862C23.1732 14.7348 22.9372 15.248 22.4886 15.4299C22.0401 15.6119 21.5268 15.3759 21.3449 14.9274L16.5249 2.90533C16.3429 2.45674 16.5789 1.94348 17.0275 1.76159Z"

                                      fill="var(--flutter-teal)"/>

                                <path fill-rule="evenodd" clip-rule="evenodd"

                                      d="M6.97255 1.76159C7.42113 1.94348 7.6571 2.45674 7.47513 2.90533L2.65513 14.9274C2.47316 15.3759 2.23719 15.6119 1.78861 15.4299C1.34002 15.248 1.10405 14.7348 1.28602 14.2862L6.10602 2.26417C6.28799 1.81559 6.80126 1.57962 6.97255 1.76159Z"

                                      fill="var(--flutter-blue)"/>

                                <path fill-rule="evenodd" clip-rule="evenodd"

                                      d="M12.0001 22.29C12.4496 22.29 12.8001 21.9395 12.8001 21.49V12.848C12.8001 12.3985 12.4496 12.048 12.0001 12.048C11.5505 12.048 11.2001 12.3985 11.2001 12.848V21.49C11.2001 21.9395 11.5505 22.29 12.0001 22.29Z"

                                      fill="var(--flutter-teal)"/>

                            </svg>

                        </div>

                        <!-- App Name -->

                        <h3 class="mt-6 text-3xl font-bold tracking-tight text-white">Flutter Showcase</h3>

                        <p class="text-sm text-gray-400 mt-2">v1.0.0</p>

                        <!-- Simple Loading Indicator -->

                        <div class="flex justify-center mt-12">

                            <div class="loader-dot"></div>

                            <div class="loader-dot"></div>

                            <div class="loader-dot"></div>

                        </div>

                        <p class="text-xs text-gray-500 mt-2">Loading application resources...</p>

                    </div>

                    <!-- Footer / Branding -->

                    <p class="absolute bottom-4 text-xs text-gray-600">Powered by Flutter</p>

                </div>

            </div>

        </div>

    </div>

</body>

</html>