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>

```css
/* 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) -->
```

```html
                    <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>
```

```html
        </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 -->
```

```html
        <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>
```