🧭 1. Splash + Onboarding Screen

🎯 Purpose:

Introduce the app and create a branded first impression.

📐 Layout:

- **Logo** (centered):

    - "AutoText" with a modern font

    - Subtext: *AI Captions from Your Camera*

- **3-Slide Onboarding Carousel** (`PageView` in Flutter):

    - Slide 1: Upload or capture a photo → Illustration or icon

    - Slide 2: Choose a caption tone → Fun icons with emojis

    - Slide 3: Share to social media → Instagram/Twitter preview-style

- **CTA Button**: `Get Started` → goes to login

- Optional: Language selector (top-right)

🛠️ Flutter Widgets:

- `PageView`, `Column`, `ElevatedButton`, `AnimatedContainer`

🔐 2. Login / Signup Screen

🎯 Purpose:

Allow users to log in securely and start using the app.

📐 Layout:

- **Title**: "Welcome Back"

- **Email Field** + **Password Field** (with show/hide toggle)

- **Login Button** (`ElevatedButton`)

- "Forgot Password?" link below password

- **Google Login** (`sign_in_button` package)

- Optional: Fingerprint icon if biometric available

- **Sign Up Link** at bottom

🛠️ Flutter Widgets:

- `TextFormField`, `ElevatedButton`, `GestureDetector`, `GoogleSignInButton`, `local_auth`

🏠 3. Home Screen (Upload + Tone Selection)

🎯 Purpose:

Main interface for caption generation.

📐 Layout:

- **AppBar**: "Hi, [User]" + Profile icon (top-right)

- **Upload Section**:

  - Camera icon inside a dashed container

  - Text: "Upload or capture an image"

  - Use `ImagePicker` for gallery/camera input

  - Show preview when selected

- **Tone Selection Row**:

  - Scrollable chips with emojis:

- - Funny 😂

    - Romantic ❤️

    - Poetic ✨

    - Savage 🐍

    - Sarcastic 🙃

    - Motivational 💪

  - Use `Chip`, `Wrap`, or `ListView.horizontal`

- **Generate Button**:

  - Large `ElevatedButton` with text: "Generate Captions"

- **Bottom NavBar**:

  - Home | History | Premium | Profile

🛠️ Flutter Widgets:

- `ImagePicker`, `Chip`, `BottomNavigationBar`, `SingleChildScrollView`

✍️ 4. Caption Results Screen

🎯 Purpose:

Show AI-generated captions clearly and stylishly.

📐 Layout:

- **Image Preview** (top card-style or circle avatar)

- **Captions List**:

  - Each caption in a card with:

    - Text

- ■ Copy Icon

- ■ (Optional) Share Icon

- **Generate More Button**:

  - ○ Allows re-fetching from the API

- Option: Save to favorites or auto-post

🛠️ Flutter Widgets:

- `Card`, `ListView.builder`, `IconButton`, `Share.plus`, `Clipboard.setData`

🕐 5. History Screen

🎯 Purpose:

Let users view, copy, delete previously generated captions.

📐 Layout:

- **List/Grid View** of past image+caption combos

  - ○ Image thumbnail + short caption text

  - ○ Copy/Delete icons

- **Filter Bar** (optional):

  - ○ Filter by tone or date range

🛠️ Flutter Widgets:

- `ListTile`, `Dismissible`, `GridView`, `PopupMenuButton`, `Firestore StreamBuilder`

💎 6. Premium/Subscription Screen

🎯 Purpose:

Explain and upsell premium features.

📐 Layout:

- **Free vs Premium Comparison Table**

    - Number of daily captions

    - Tones unlocked

    - Hashtag AI (bonus feature)

- **Call to Action**: Subscribe Now

- **Pricing Cards**:

    - Monthly ₹49

    - Yearly ₹299 (save 50%)

- **Buy Button** (integrated with Razorpay/Stripe)

🛠️ Flutter Widgets:

- `Card`, `ListView`, `Table`, `InAppPurchase`, or custom Razorpay widget

👤 7. Profile/Settings Screen

🎯 Purpose:

Manage account and app preferences.

📐 Layout:

- **Profile Header**:

    - Image avatar

    - Name + email

- **Settings List**:

    - Toggle: Biometric login

    - Toggle: Dark mode

    - Language picker

    - Change password

    - Logout button

- **Account Options**:

    - Delete account

    - Contact support

    - App version

🛠️ Flutter Widgets:

- `SwitchListTile`, `ListTile`, `CircleAvatar`, `PopupMenuButton`

🧪 Optional Screens

🔧 Admin Panel (Web Only)

- Total captions generated

- User analytics (premium, free)

- Tone usage chart

- Delete abusive captions or block users

✅ UI/UX Tips for Figma & Flutter

UX Detail	Why It Matters

Clear micro-interactions	Hovers, ripples, and transitions create delight
Loading animations	Show while generating captions or making payments
Tone-specific UI color tints	Romantic (pink), Funny (yellow), Poetic (blue glow)
Font styles	Use `Poppins`, `Manrope`, or `Inter` for modern feel
Icons	Use `Feather` or `FontAwesome` for crisp UI

🟪 1. Splash + Onboarding Screen

🧩 Purpose:

Welcome the user and introduce core features.

🧱 UI Layout:

- **Full-screen gradient background** (`Container → BoxDecoration`)

- **Logo**: Centered (`Image.asset`)

- **Tagline**: *"AI Captions from Your Camera"* (`Text`)

- **Carousel Slider** for Onboarding Tips:

    - Use `PageView` with 3 slides:

        1. Upload your photo

        2. Choose tone

        3. Get captions + share

- **"Get Started" button**: Leads to login screen

- Optional: Small indicators at bottom (`SmoothPageIndicator`)

🟦 2. Login / Signup Screen

🧩 Purpose:

Allow user authentication via Email, Google, or Biometrics

🧱 UI Layout:

- **Title**: "Welcome Back"

- **Form**:

- - TextFormField: Email

  - TextFormField: Password

  - "Forgot Password?" link

- **Login Button**: ElevatedButton

- **Divider with "OR"**: Horizontal line + text

- **Google Login**: SignInButton or custom

- **Fingerprint Icon** (if already logged in before): Use local_auth

- **Sign Up link**: Text at bottom

🟨 3. Home Screen – Upload + Tone Selection

🧩 Purpose:

Let users upload an image and select the tone for the caption

🧱 UI Layout:

- **Greeting**: "Hi, [User Name]" (Text)

- **Image Upload Section**:

  - Placeholder box with camera icon if no image (InkWell)

  - After selection: Show preview with remove option

- **Tone Selector**:

  - Horizontally scrollable chips (SingleChildScrollView)

  - Tones like Romantic, Funny, Poetic, Savage, etc.

  - Premium-only tones have a lock icon (use Chip or ChoiceChip)

- **Button**: "Generate Captions" (ElevatedButton)

- **Bottom Navigation Bar**:

    - Home, History, Premium, Profile (`BottomNavigationBar`)

🟩 4. Caption Results Screen

🧩 Purpose:

Show AI-generated captions for uploaded photo in chosen tone

🧱 UI Layout:

- **Image Preview**: Display selected image at top (`Image.file`)

- **List of Captions**:

    - Use `ListView` of `Card` widgets

    - Inside card:

        - Caption text

        - Copy icon (clipboard function)

        - Optional: Share icon (use `share_plus`)

- **Button**: "Generate More" (with same photo + tone)

- Optional: Button to "Try Another Tone"

🟫 5. History / Saved Captions

🧩 Purpose:

Let users browse previously generated captions

🧱 UI Layout:

- **ListView/GridView** of saved captions

- ○ Each item:

    - ■ Small image thumbnail (`Image.network` or `FirebaseStorage`)

    - ■ Caption preview (truncate after 2 lines)

    - ■ "Copy" button

    - ■ Long press to delete or view full caption

- **Filter options** (tone, date): Use `DropdownButton`

- Premium: No limit; Free users: Limit (e.g., max 10 items)

🟧 6. Premium / Subscription Page

🧩 Purpose:

Show difference between free and premium and allow upgrade

🧱 UI Layout:

- **Visual Plan Comparison**:

    - ○ Table or 2-column card comparison

        - ■ Free: 3 captions/day, limited tones

        - ■ Premium: Unlimited, all tones, future features

- **Subscription Button**: Monthly/Yearly toggle

- **Payments**:

    - ○ Use Razorpay or Stripe integration (via plugin)

- **Status Check**: Show current plan and expiry

⚙️ 7. Profile / Settings Page

🧩 Purpose:

Let users manage their profile and app settings

🧱 UI Layout:

- **User Info Card**: Name, Email, Profile Pic

- **Settings List**:

  - Dark mode toggle (`Switch`)

  - Biometric unlock toggle (only visible after login)

  - Change password

  - Logout (`TextButton`)

  - Delete Account

- Optional: Show number of captions generated this month

🟦 8. (Optional) Admin Page / About App

Admin Dashboard (For you only):

- See users, caption count, API usage

- Use `DataTable` or custom cards

- Only accessible with admin flag in Firebase

About App:

- Version info

- FAQ

- Support email

- Privacy policy / Terms

🔁 Navigation Flow Summary

Splash → Onboarding → Login/Signup → Home
    → (Upload image + Select tone) → Generate Captions
    → (Save + Copy + Share) → History
    → Profile / Premium if needed

🔌 Flutter Package Suggestions (with Use)

Feature	Package
Image Upload	`image_picker`, `camera`
State Management	`provider` / `riverpod`
Firebase Auth/DB	`firebase_auth`, `cloud_firestore`
Image Storage	`firebase_storage`
Biometric Auth	`local_auth`
Caption API Call	`dio` / `http`
Google Sign-In	`google_sign_in`
Sharing	`share_plus`
Payment Integration	`razorpay_flutter` / `stripe_payment`
Page Indicator	`smooth_page_indicator`