**FAI Assistant Screen Flow**

* **abbreviation\_page.dart**  
  **Screen:** Yes  
  Shows your app’s abbreviation glossary; launched from the Abbreviations menu.
* **ai\_answer\_page.dart**  
  **Screen:** Yes  
  Displays the AI‑generated answer when you tap “Ask AI” on a field detail page.
* **ai\_questions.dart**  
  **Screen:** No  
  Contains the hard‑coded map of AI question prompts keyed by form/field.
* **as9102\_info\_page.dart**  
  **Screen:** Yes  
  Provides an overview of the AS9102 standard; accessed via the “AS9102” button before PDF viewing.
* **as9102\_paraphrased\_data.dart**  
  **Screen:** No  
  Holds your paraphrased AS9102 content in a static Map<String,String>.
* **as9102\_picker\_page.dart**  
  **Screen:** Yes  
  Lets the user pick which page of the AS9102 PDF to jump to (e.g. for specific form/field).
* **as9102\_viewer.dart**  
  **Screen:** Yes  
  Embeds the PDF viewer to display the AS9102 spec once a page is selected.
* **bonus\_tolerance\_page.dart**  
  **Screen:** Yes  
  Implements the Bonus Tolerance calculator; reachable from the Calculations menu.
* **calculations\_menu\_page.dart**  
  **Screen:** Yes  
  Lists all available calculator tools (Bonus Tolerance, True Position, Right Triangle, etc.).
* **certification\_screen.dart**  
  **Screen:** Yes  
  Shows certification‑related info or workflow; invoked when you select Certification.
* **checklist1\_page.dart**  
  **Screen:** Yes  
  Displays Form 1’s checklist items; opened from the Checklist menu.
* **checklist2\_page.dart**  
  **Screen:** Yes  
  Displays Form 2’s checklist items.
* **checklist3\_page.dart**  
  **Screen:** Yes  
  Displays Form 3’s checklist items.
* **checklist\_menu\_page.dart**  
  **Screen:** Yes  
  Menu with buttons to choose Form 1, 2, or 3 checklists.
* **document\_screen.dart**  
  **Screen:** Yes  
  Generic document viewer screen (e.g. for notes or other PDFs).
* **field1\_detail\_page.dart**  
  **Screen:** Yes  
  Shows detailed paraphrased content, AS9102/PDF button, Ask AI, and Next Field actions for a specific field.
* **firebase\_options.dart**  
  **Screen:** No  
  Auto‑generated Firebase config (API keys, project IDs).
* **form1\_page.dart**  
  **Screen:** Yes  
  Lists and navigates to all 26 fields of Form 1.
* **form2\_page.dart**  
  **Screen:** Yes  
  Lists and navigates to all 13 fields of Form 2.
* **form3\_page.dart**  
  **Screen:** Yes  
  Lists and navigates to all 12 fields of Form 3.
* **form\_field\_labels.dart**  
  **Screen:** No  
  Defines a map of field keys to their display labels, used to build the form pages.
* **good\_abbreviation\_page.dart**  
  **Screen:** Yes  
  An improved version of the abbreviation glossary; likely replaces abbreviation\_page.dart.
* **help\_intro\_screen.dart**  
  **Screen:** Yes  
  The “What’s new?” or “intro help” screen shown once on first launch (with a checkbox).
* **help\_screen.dart**  
  **Screen:** Yes  
  Displays contextual help when you tap the question‑mark button on calculators or forms.
* **help\_text\_screen.dart**  
  **Screen:** No  
  Stores all the static help‑text strings that help\_screen.dart reads from.
* **home\_page.dart**  
  **Screen:** Yes  
  The main landing page with big buttons for Forms, Checklists, Calculations, Abbreviations, etc.
* **icon\_help\_screen.dart**  
  **Screen:** Yes  
  A variant of the help screen that focuses on icon descriptions; launched via an icon‑help action.
* **main.dart**  
  **Screen:** No  
  App entry point—sets up MaterialApp, routes, theme, and initial route.
* **missing\_file\_page.dart**  
  **Screen:** Yes  
  Shown when the AS9102 PDF isn’t found locally; offers a “Purchase AS9102” button.
* **note\_page.dart**  
  **Screen:** Yes  
  Allows viewing/editing of notes attached to checklist items or fields.
* **openai\_service.dart**  
  **Screen:** No  
  Handles all calls to OpenAI’s API for generating “Ask AI” answers.
* **payment\_screen.dart**  
  **Screen:** Yes  
  Presents subscription options (7‑day trial vs. yearly); appears after policy acceptance.
* **policy\_screen.dart**  
  **Screen:** Yes  
  Displays Terms of Use & Privacy Policy with “Continue” disabled until both are viewed.
* **right\_triangle\_page.dart**  
  **Screen:** Yes  
  Implements the Right Triangle calculator (Side a/b/c, Angles A/B).
* **specs\_page.dart**  
  **Screen:** Yes  
  Shows user‑editable specifications; tied in from the Home page.
* **splash\_screen.dart**  
  **Screen:** Yes  
  Initial splash/debug screen on app launch (with tap‑4‑5 logic for resetting trial).
* **subscribe\_screen.dart**  
  **Screen:** Yes  
  Shows subscription purchase options once the free trial has expired.
* **trial\_ended\_screen.dart**  
  **Screen:** Yes  
  Alert page for users who chose not to subscribe at trial end; just an “Exit App” option.
* **true\_position\_page.dart**  
  **Screen:** Yes  
  Implements the True Position tolerance calculator.
* **user\_info.dart**  
  **Screen:** Yes  
  Collects user name & email (and triggers payment flow if yearly chosen).