**How AI Question gets answered**

The connection from ai\_questions.dart to ai\_answer\_page.dart happens right here in your FieldDetailPage, in the **Ask AI button’s** onPressed function.

**How It Works (Step-by-Step)**

**1. ai\_questions.dart**

You import it at the top:

dart

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import 'package:fai\_assistant/ai\_questions.dart';

This gives you access to the aiQuestions map.

**2. Ask AI Button in FieldDetailPage**

This is the key part:

dart

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final key = '${widget.formName.replaceAll(' ', '')}\_Field${widget.fieldNumber}';

final question = aiQuestions[key] ?? 'No AI question defined.';

Navigator.push(

context,

MaterialPageRoute(

builder: (\_) => AIAnswerPage(

formName: widget.formName,

fieldNumber: widget.fieldNumber,

fieldLabel: widget.fieldLabel,

question: question, // <--- question is looked up HERE and passed in

),

),

);

* You **look up the question** for this Form/Field using the map in ai\_questions.dart.
* **That question is passed as a parameter** to the AIAnswerPage constructor.

**3. In ai\_answer\_page.dart**

* You do **not** need to import ai\_questions.dart here.
* You simply use widget.question (which was passed in), send it to your AI service, and display the answer.

**Summary Table**

| **File** | **What It Does** |
| --- | --- |
| ai\_questions.dart | Holds the map of all AI questions. |
| field1\_detail\_page.dart | Looks up the right question and passes it on. |
| ai\_answer\_page.dart | Receives the question and shows the answer. |

**You have a clean separation of logic and good modular code!**

If you want to move the lookup responsibility to AIAnswerPage in the future, then you would do the import and lookup there instead. But your current flow is standard and robust.