

# **PROTOTYPING**

**Natural**

**Language**

**Features**

# Premise

Your online seed supply company has a RAG solution on your website answering customer questions about seeds, plants, and gardening.

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Total: 10


<div>[ 2024-01-07 18:10:01 (UTC) ] qa_pOkRSToKOOIQ</div> <div>Should I plant tomatoes in shade or sun?</div> <div>Custom data:<ul style="list-style-type: none"><li>question_class: what-is</li></ul></div>	<div>Tomato plants do best in full sun.</div> <div><ul style="list-style-type: none"><li>Growing tomatoes</li></ul></div>	<div>Valid question?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Correct class?<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> ?</div> <div>Article exists?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Search success?<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?</div> <div>Good answer?<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?</div>
<div>[ 2024-01-19 18:10:02 (UTC) ] qa_Ewy7gRdAslTo</div> <div>What's the difference between pickling cucumbers and slicing cucumbers?</div> <div>Custom data:<ul style="list-style-type: none"><li>question_class: what-is</li></ul></div>	<div>Pickling cucumbers are smaller than slicing cucumbers.</div> <div><ul style="list-style-type: none"><li>Cucumbers for beginners</li></ul></div>	<div>Valid question?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Correct class?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Article exists?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Search success?<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?</div> <div>Good answer?<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?</div>
<div>[ 2024-01-28 18:10:46 (UTC) ] qa_LJpiFWa2lQHv</div> <div>How do you encourage tomato plants to produce more fruit?</div> <div>Custom data:<ul style="list-style-type: none"><li>question_class: how-to</li></ul></div>	<div>Pruning suckers and even pinching the tips.</div> <div><ul style="list-style-type: none"><li>Growing tomatoes</li></ul></div>	<div>Valid question?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Correct class?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Article exists?<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?</div> <div>Search success?<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?</div> <div>Good answer?<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?</div>

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What filters are there?

Question	Answer	Valid question?	Correct class?	Article exists?	Search success?	Good answer?
[ 2024-01-07 10:10:10 (UTC) ] qa_pOkRSTok Should I pick tomatoes in full sun? Custom data: • question_class: what-is	Tomato plants do best in full sun. Growing tomatoes	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?
[ 2024-01-15 10:10:10 (UTC) ] qa_Ewy7gRdAs What's the difference between pickling cucumbers and slicing cucumbers? Custom data: • question_class: what-is	Pickling cucumbers are smaller than slicing cucumbers. • Cucumbers for beginners	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?
[ 2024-01-28 18:10:46 (UTC) ] qa_LJpiFWa2IQHV How do you encourage tomato plants to produce more fruit? Custom data: • question_class: how-to	Pruning suckers and even pinching the tips. • Growing tomatoes	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> ?	<input checked="" type="radio"/> Top <input type="radio"/> Top 3 <input type="radio"/> Fail <input type="radio"/> ?	<input checked="" type="radio"/> Yes <input type="radio"/> Partly <input type="radio"/> No <input type="radio"/> ?

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The screenshot shows a web application for evaluating RAG-generated answers. It displays a list of questions and their corresponding answers, along with evaluation options. A cartoon character with long dark hair is pointing at the first row, and another cartoon character is pointing at the third row. Speech bubbles highlight specific features: "What filters are there?" points to the evaluation options, and "Hide ones after the end of January" points to the date filter.

What filters are there?

Hide ones after the end of January

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# Proto- typing tool

Experiment with  
prompting an LLM to  
answer questions and  
activate interface  
elements to carry our  
user actions.

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<div>[ 2024-02-02 18:11:02 (UTC) ]</div> <div>qa_cWx9MFwUBaCh</div> <div>I want to order a garden hose</div> <div>Custom data:</div> <div><div>• question_class: what-is</div></div>	<div>No good answer was found in the knowledge base</div>	<div>Valid question?<div><div><input type="radio"/></div>Yes<div><input checked="" type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Correct class?<div><div><input type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Article exists?<div><div><input type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Search success?<div><div><input type="radio"/></div>Top<div><input type="radio"/></div>Top 3<div><input type="radio"/></div>Fail<div><input type="radio"/></div>?</div></div> <div>Good answer?<div><div><input type="radio"/></div>Yes<div><input type="radio"/></div>Partly<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div>
<div>[ 2024-02-10 18:11:21 (UTC) ]</div> <div>qa_vtVPimqSyMWk</div> <div>How can you keep animals away from your tomatoes?</div> <div>Custom data:</div> <div><div>• question_class: how-to</div></div>	<div>I don't know</div> <div><div>• Growing tomatoes</div></div>	<div>Valid question?<div><div><input checked="" type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Correct class?<div><div><input checked="" type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Article exists?<div><div><input type="radio"/></div>Yes<div><input checked="" type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Search success?<div><div><input type="radio"/></div>Top<div><input type="radio"/></div>Top 3<div><input type="radio"/></div>Fail<div><input type="radio"/></div>?</div></div> <div>Good answer?<div><div><input type="radio"/></div>Yes<div><input type="radio"/></div>Partly<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div>
<div>[ 2024-02-10 18:12:20 (UTC) ]</div> <div>qa_1EmKg0Bjrs2T</div> <div>Why did my cucumber plant only produce 2 huge cucumbers then no more?</div>	<div>I don't know</div> <div><div>• Cucumbers for beginners</div></div>	<div>Valid question?<div><div><input checked="" type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div> <div>Correct class?<div><div><input type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input checked="" type="radio"/></div>?</div></div> <div>Article exists?<div><div><input checked="" type="radio"/></div>Yes<div><input type="radio"/></div>No<div><input type="radio"/></div>?</div></div>

▼ Prompts

Classify input

Classify the following user input as one of: "question", "action\_request", or "none"

question: The user input is asking a question. For example: "what does this do" or "how do I use this?" or "what can I do with this?"

Save

▼ Element details

[  
  {  
    "element\_name": "Open filters menu button",  
    "dom\_id": "filter\_icon\_div",  
    "task\_description": "Clicking this opens the fil",  
    "actions\_arr": [  
      {  
        "function": "openFiltersMenu",  
      }  
    ]  
  }  
]

Save

▼ Logs

HighlightsDetails

▼ Text input

Submit

▼ Text output

# Exercise 2

1. Submit NL text input to open and close the filter menu
2. Set the start and end date filters
3. Reload the page with filters applied
4. Check and uncheck the evaluated status checkboxes
5. Set the random sample filter
6. Improve results by editing element details or prompt text