

Guideline for Using the Medsense Survey Interface

Monash University Indonesia and Medsense ID

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A Step-by-Step Guide for Doctors



Introduction

1

Welcome to the
**Medsense AI
Trustworthy
Development Survey!**

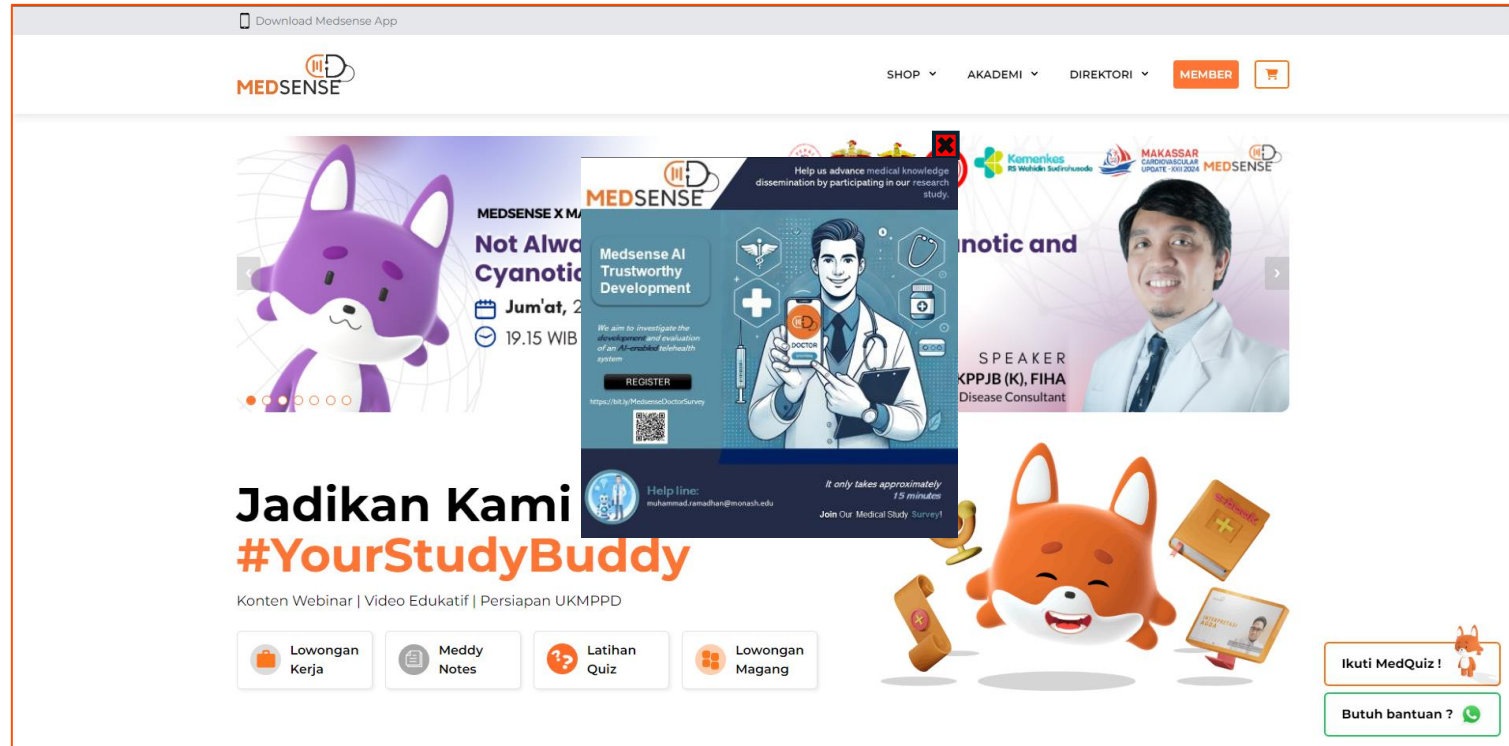
2

This guide will help you
navigate through the
interface and
complete your
evaluations
effectively.

3

You will go through
several steps:
Seeing the **Poster**,
Registration, and then
the **Survey Interface**.

Seeing the poster on the Medsense website



1. You will see posters in the **Medsense website** or **application**.
2. The poster will invite you to join the research study called "**Medsense AI Trustworthy Development**".
3. If you are **interested**, click on the provided link to register.



Registration Form

The screenshot shows the first page of the registration form. At the top is a header image of a doctor in a white coat using a smartphone. Below the header, the title "Medical Doctor Survey Register" is displayed. The form contains several sections: a study description, participant tasks, target participants, and contact information. Below this is a section for user registration with fields for Name, Medsense Username, and Email. Each field has a "Your answer" label and a "Not shared" status. A red asterisk indicates required questions.

1. After clicking the link, you will be directed to the **registration form**.
2. Fill in the **required information**: Name, Username, Email, and How long you have been practicing medicine.
3. Click "**Next**" to proceed to the consent forms.

The screenshot shows the second page of the registration form, which is the consent form. It features a header image of a doctor in a white coat using a smartphone. The title "Medical Doctor Survey Register" is at the top. Below the title, there is a section for "Consent Form Questions" with several questions and radio button options for "Yes" or "No". The questions are about the study's purpose, confidentiality, and the researcher's contact information. At the bottom, there are "Next" and "Submit" buttons.

4. The second page of the registration form contains **consent** questions.
5. Please read each question carefully and choose "**Yes**" or "**No**".
6. After answering all consent questions, click "**Submit**".



Approval Process



After submitting your registration and consent forms, your **application** will be **reviewed**.



You will receive an email **notification** once your registration is **approved**.



Upon approval, you can proceed to the ***Medsense Survey Interface Rating from Doctor*** website

<https://medsenseusersrating.streamlit.app/>



Step 1: Sign-Up

1. Enter your **Name**, **Username**, and **Password**.
 2. Ensure all fields are **filled** out correctly.
 3. Click "**Sign Up**" to proceed.
- You can choose the **language** to use: English or Bahasa Indonesia.

Select Language: English

Navigation: Sign Up, Go to Phase 1, Go to Phase 2, Go to Phase 3

Medsense Survey Interface Rating from Doctor

Sign-Up

Name: [Input Field]

Username: [Input Field]

Password: [Input Field]

Sign Up



Select Language: English

Navigation: Sign Up, Go to Phase 1, Go to Phase 2, Go to Phase 3

Medsense Survey Interface Rating from Doctor

Sign-Up

Name: dr. Djaja Surya Atmadja, Sp.FM(K), DFM, SH, PhD

Username: doktordjaja

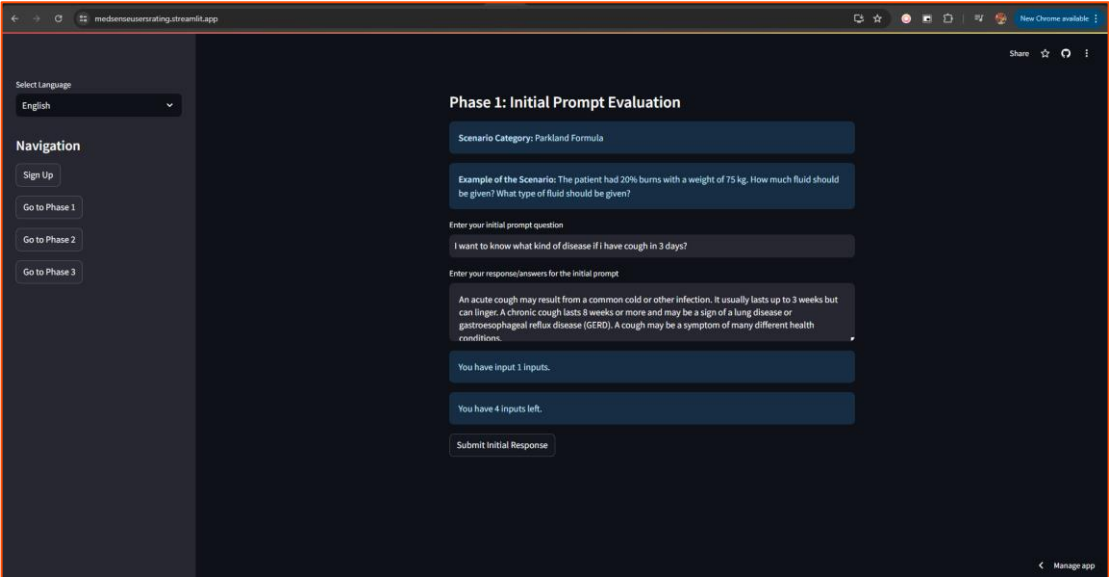
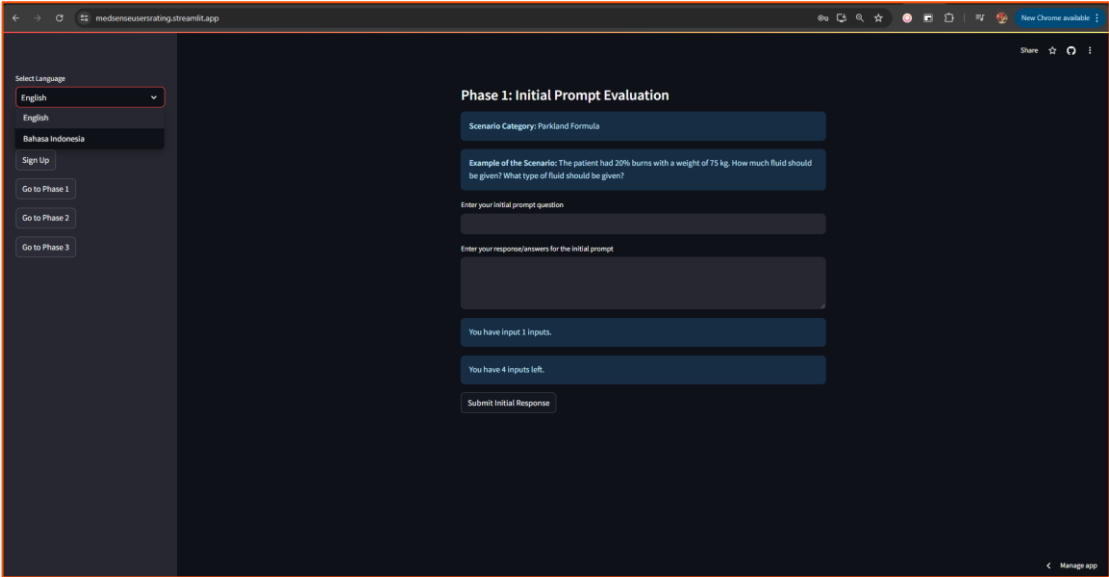
Password: [Input Field]

Sign Up

Welcome, dr. Djaja Surya Atmadja, Sp.FM(K), DFM, SH, PhD!



Step 2: Phase 1 - Initial Prompt Evaluation



1

Start by **reviewing** the provided scenario.

2

Enter your prompt **question** and **response**.

3

Click "**Submit Initial Response**" to save your input.

4

You can choose the language to use: **English** or **Bahasa Indonesia**.

5

Notification Box: You need to input 5 responses. You have input X inputs. You have Y inputs left



Step 3: Phase 2 - Evaluate Randomized Scenarios

The interface is titled "Phase 2: Evaluate Randomized Scenarios". It features a sidebar with a language selector (English) and navigation buttons (Sign Up, Go to Phase 1, Go to Phase 2, Go to Phase 3). The main content area displays a scenario, an original question, an original answer, a modified question, and a modified answer. A slider is used to rate the original answer. The interface also shows the user's answer to the original prompt and the modified prompt, along with a "Next Scenario" button.

1. Review the scenario, original question, and answer.
2. Rate the original answer using the slider.
3. Provide your own response to the original question.
4. Review the modified question and answer.
5. Rate the modified answer and provide your response.
6. Click "Next Scenario" to move to the next one.
 - You can choose the language to use: English or Bahasa Indonesia.
 - **Notification Box:** You need to input 5 responses. You have input (already submitted) X inputs. You have Y inputs left



Step 4: Phase 3 - Create Prompts for New Scenarios

1. Review the new **scenario**.
2. Enter your **prompt question** and **response**.
3. Navigate through **different scenarios** by clicking "**Next Scenario**".
4. Provide general **feedback** and overall **satisfaction rating**
 - You can choose the **language** to use: English or Bahasa Indonesia.
 - **Notification Box:** You need to input 5 responses. You have input (already submitted) X inputs. You have Y inputs left

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Phase 3: Create Prompts for New Scenarios

Example of the Scenario: Determine the patient's qSOFA score. Parameters: TD 140/90; RR 30x/minute; good awareness

Enter your prompt question for this scenario

patient's qSOFA score. Parameters: TD 200/10; RR 30x/minute; good awareness

Enter your response to the prompt

Introduced the quick Sequential Organ Failure Assessment (qSOFA) score [7]. The qSOFA score is a simple score consisting of three items: respiratory rate (RR) ≥ 22 breaths per minute, altered mentation (Glasgow Coma Scale [GCS] < 15), and systolic blood pressure (SBP) < 100 mmHg.

You have input 0 inputs.

You have 5 inputs left.

Next Scenario (Phase 3)

General feedback on the scenarios

Overall satisfaction with the process

1 3 5

Submit Feedback

Manage



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Phase 3: Create Prompts for New Scenarios

Example of the Scenario: Determine the patient's qSOFA score. Parameters: TD 140/90; RR 30x/minute; good awareness

Enter your prompt question for this scenario

Enter your response to the prompt

You have input 0 inputs.

You have 5 inputs left.

Next Scenario (Phase 3)

General feedback on the scenarios

Overall satisfaction with the process

1 3 5

Submit Feedback

Manage



Step 5: Submitting Feedback

1. Provide your **general feedback** on the scenarios.
 2. Rate your **overall satisfaction** with the process.
 3. Click "**Submit Feedback**" to finalize your inputs.
- You can choose the **language** to use: English or Bahasa Indonesia.

Phase 3: Create Prompts for New Scenarios

Example of the Scenario: Determine the patient's qSOFA score. Parameters: TD 140/90; RR 30x/minute; good awareness

Enter your prompt question for this scenario

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You have input 0 inputs.

You have 5 inputs left.

Next Scenario (Phase 3)

General feedback on the scenarios

One of your most impactful moments was how you handled Project X. You showed the power of user testing in shaping a feature roadmap. Your efforts increased the likelihood that we satisfy and delight our users. I'd love to see you do more of this

Overall satisfaction with the process

1

5

Submit Feedback

Thank you for your feedback



Saving and Viewing Data

- Your data is **saved** automatically after each submission.
- Researchers can find the saved files in both **Excel** and **TXT** formats

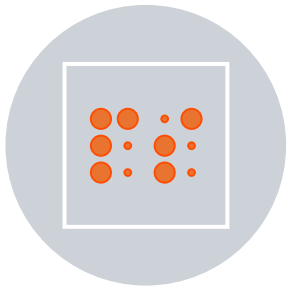
16 lines (16 loc) · 1.84 KB Code 55% faster with GitHub Copilot

```
{
  'APGAR Score', 'rating': 2, 'response': 'Not like that'}
  'APGAR Score', 'rating': 2, 'response': 'atehj'}
  'Parkland Formula', 'rating': 4, 'response': 'hioawhio'}
  'Drug dosage (prohibited for children)', 'rating': 3, 'response': 'afojh'}
  'glomerular Filtration Rate', 'rating': 4, 'response': 'gafpih'}
  'Emergency preparation', 'rating': 3, 'response': 'asfga'}
  'prompt_question': 'Apgar score only', 'prompt_response': 'Saya suka dengan burger', 'timestamp': '2024-05-28 11:5
  'Score', 'original_rating': 4, 'original_response': 'Yoyoyo', 'modified_rating': 3, 'modified_response': 'sdha', 'ti
  'dosage (prohibited for children)', 'original_rating': 1, 'original_response': '', 'modified_rating': 1, 'modified_re
  'cy preparation', 'original_rating': 4, 'original_response': 'sgags', 'modified_rating': 4, 'modified_response': 's
  'd Formula', 'original_rating': 1, 'original_response': '', 'modified_rating': 1, 'modified_response': '', 'timesta
  'f', 'prompt_response': 'asf', 'timestamp': '2024-05-28 12:07:38'}
  'ore', 'prompt_question': '', 'prompt_response': '', 'timestamp': '2024-06-03 22:32:47'}
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  'Formula', 'prompt_question': 'afsa', 'prompt_response': 'asfaw', 'timestamp': '2024-06-03 22:32:47'}
  'ge (prohibited for children)', 'prompt_question': 'gwsed', 'prompt_response': 'wegwefr', 'timestamp': '2024-06-0
```

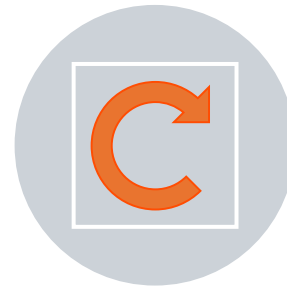
B	C	
scenario	prompt_question	prom
ve a BMI of 30. What category does my body	hwetssrr	gher
w many teaspoons of amoxicillin (500 mg/5	tsdfgsag	trew
iculate and regulate fluid administration pat	eawfggffg	wga
ow many calories does a 30 year old man need	drgdfgsgg	sdge
APGAR Score in the baby (pale, HR 100, not cryi	eahedfg	geat
Calculate the dose of Cotrimoxazole that need	gsdfgzzs	etgz
e With a GFR of 80, does the patient need hemoc	ct ha	arfw
te How many ampoules of Adrenaline should the	aybrvya	dfgh
rvte What is the normal urine volume per 24 hours	iagsfasf	ergv
qwrvt	How much lens correction should be given to a 64 year old patient with presbyopia?	



Troubleshooting and Support



Common issues: unable to submit, page not loading.



Solutions: check internet connection, refresh the page.



Contact technical support for further assistance.



medical.medsensemdn@gmail.com
taufiq.asyhari@monash.edu
muhammad.ramadhan@monash.edu



Thank You and Contact Information

- **Thank you** for **participating** in the **study**!
- For further assistance or feedback, **contact** us at
[medical.medsensemdn@gmail.com] or
[taufiq.asyhari@monash.edu] or
[muhammad.ramadhan@monash.edu].

