Próba skonstruowania podstawowej wersji aplikacji, dając sieci możliwość zdawania dodatkowych pytań.

**ChatGPT**

Interakcja 1:

Acting as a senior developer with over ten years of work, write a simple survey web application. Application should:

* be written in python, using streamlit library in version 1.44.0,
* be available in two modes: “timer mode” and “relaxed mode”,
* give an option to answer predefined multiple-choice questions with time limit in “timer mode”,
* include well-visible bar-type timer that would additionally stress person answering questions in timer mode,
* timer bar should shrink on its own, not requiring interaction from user,
* after finishing “timer mode” part, make it mandatory to do “relaxed mode” part,
* make it impossible to go back to “timer mode” part after “relaxed mode” part is activated,
* make it impossible to adjust time limit or begin “relaxed mode” without finishing “timer mode”,
* after time limit ends in “timer mode” go to next question, regardless of the fact if user gave his answer or not,
* make it obligatory to answer the same questions without time limit and an option to go back to previous multiple-choice questions in relaxed mode,
* remember every answer given by user in each mode and measure time spent on each question in relaxed mode.

If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała pytań odnoszących się bezpośrednio do wymienionych funkcjonalności. Aplikacja nie zadziałała z powodu zastosowania zdezaktualizowanej funkcji.

Interakcja 2:

Acting as a senior developer with over ten years of work, modify the code below. Code uses outdated function, that causes errors. If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała żadnych dodatkowych pytań. Zgodnie z poleceniem, poprawiła kod aplikacji, dzięki czemu zaczął działać bez zwracania błędu. Niestety, timer aplikacji nie działa poprawnie (timer resetuje się po wybraniu jednej z odpowiedzi), a także jest problem z wyświetlaniem pytań w trybie timera (pytanie pierwsze jest wyświetlane jako drugie, a pytanie trzecie jest w tym trybie kompletnie pomijane).

Interakcja 3:

Acting as a senior developer with over ten years of work, modify the code below. Timer bar in timer mode automatically restarts whenever user selects any option – fix it, so changing an option would not affect timer. Also, there is a problem with the order in which questions are displayed in timer mode (question no. 1 is displayed as second one). If something is not clear, ask follow-up questions.

Opinie: Sieć ponownie nie zadała żadnych pytań. Stworzona aplikacja spełnia wszystkie założenia.

**Claude**

Interakcja 1:

Acting as a senior developer with over ten years of work, write a simple survey web application. Application should:

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* remember every answer given by user in each mode and measure time spent on each question in relaxed mode.

If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała żadnych pytań dotyczących bezpośrednio działania aplikacji. Aplikacja nie ma poprawnie działającego timera – pasek, a także przejścia aktualizują się po interakcji z elementem UI. Poza tym sieć sama z siebie dodała rozbudowane metody pobrania wyników – zarówno w formie pliku csv, jak i jsona.

Interakcja 2:

Acting as a senior developer with over ten years of work, modify the code attached below. Fix timer bar in timer mode, so it would be automatically actualized, not only when user interacts with any UI element. If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała żadnych pytań dotyczących szczegółów działania aplikacji. Ku mojemu dużemu zdziwieniu, sieć zaczęła pisać kilka kodów po sobie, wielokrotnie uważając, że wcześniej powstały jest niewystraczająco poprawny; poniżej zamieszczam całą „wypowiedź” przy okazji powyższego zapytania. Niestety, pomimo tego wszystkiego, problemy aplikacji nie zostały poprawione.

„Wypowiedź” Claude.ai:

Looking at the attached code, I can see the issue with the timer bar. The problem is that Streamlit refreshes the page only when there's user interaction or when explicitly told to rerun. To make the timer bar automatically update without requiring user interaction, we need to implement a solution that triggers regular page refreshes.

Let me fix this by adding automatic refreshes to the page:

Hmm, I notice that the JavaScript approach might not work well with Streamlit. Let me revise the solution with a more Streamlit-friendly approach:

Upon further consideration of Streamlit's execution model, let me refine the solution once more. The previous update might cause some issues with the page flow. Let's take a more robust approach:

After examining the code and understanding Streamlit's limitations with auto-refreshing interfaces, I've implemented a solution that will ensure the timer bar updates automatically without requiring user interaction. Here's what I've done:

1. **Added auto-refresh functionality**: I've implemented two different methods to ensure the timer bar updates automatically:
   * First, I added a hidden iframe that triggers page refreshes at regular intervals, but only when in timer mode
   * Second, I added a backup method in the timer\_mode() function that reruns the Streamlit app at short intervals
2. **Added refresh control variables**: I've added session state variables to:
   * Track when the last refresh occurred (to prevent excessive CPU usage)
   * Control whether auto-refresh is enabled
3. **Optimized performance**: The solution includes:
   * Small delays to prevent excessive CPU usage
   * Logic to refresh only when in timer mode
   * Logic to only refresh if sufficient time has passed since the last refresh

This dual approach ensures that the timer bar will continuously update even without user interaction, providing a smooth countdown experience. The bar will change color from green to red as time runs out, making it visually stress-inducing as required.

The solution doesn't change any of the core functionality:

* Timer mode must still be completed before relaxed mode
* Users can't go back to timer mode once in relaxed mode
* The app still advances to the next question when time runs out
* All answers are still recorded in both modes
* Time spent on each question in relaxed mode is still tracked

Would you like me to explain any part of the solution in more detail or make any additional changes?

Interakcja 3 (UWAGA: Początek nowej konwersacji):

Acting as a senior developer with over ten years of work, modify the code attached below. Fix timer bar in timer mode, so it would be automatically updated, not only when user interacts with any UI element. Application should be running all the time. If something is not clear, ask follow-up questions.

Opinie: Sieć zwróciła niedziałający kod zwracający błąd przy uruchomieniu.

W ZWIĄZKU Z BRAKIEM POSTĘPÓW ORAZ BRAKIEM ZADAWANYCH PYTAŃ, ZDECYDOWAŁEM SIĘ PRZERWAĆ NA TYM ETAPIE EKSPERYMENT Z UŻYCIEM TEJ SIECI.

**Deepseek**

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If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała żadnych pytań. Zamiast tego zwróciła kod, który po uruchomieniu powoduje pojawienie się błędu.

Interakcja 2:

Acting as a senior developer with over ten years of work, modify the code below, knowing that it returns this error. If something is not clear, ask follow-up questions.

Opinie: Sieć nie zadała żadnych pytań. Wszystkie założenia zostały całkowicie spełnione – aplikacja działa całkowicie poprawnie.