QUICKSCAN - CANVAS

AI Trip planner

NAME: AI Trip planner

DATE: September 5, 2024 2:40 AM

DESCRIPTION OF TECHNOLOGY

The AI Trip Planner helps users create personalized travel plans by analyzing preferences, budgets, and interests. Using OpenAI's GPT-4, it suggests optimal routes and activities, and provides real-time updates on traffic and weather. This makes trip planning easier and less stressful, solving the problem of coordinating all the activities and timetable.

HUMAN VALUES

If two friends use the product to plan trips together, it can enhance their relationship by providing a collaborative way to organize their travels, ensuring both parties preferences are considered. If the recommendations heavily favor one users preferences over the others, it could lead to conflict. The product creates new ways for people to interact by facilitating the sharing of travel plans and recommendations. Users can share their experiences, creating social connections.

TRANSPARENCY

Yes, the AI Trip Planner explains how it works and why it makes certain recommendations. Users can easily find this information on the website. The goals and the idea behind the technology are clearly stated. Since it's a prototype, there are no accounts, logins, or money involved, ensuring transparency and simplicity.

IMPACT ON SOCIETY

It's a pain of stressing out what to do in the city you've chosen to go on vacation. It's time wasting and energy consuming to search up things to do in a place that is unknown to you. Also to plan the route and make a dayplan. This is espacially painful for tourists going to another country to visit and they don't know what's there to do.

STAKEHOLDERS

- Tourists
- Frequent travelers
- Families
- Travel Agencies
- Local Businesses
- Transportation services
- Data providers
- Local communities
- Regulatory Bodies…

SUSTAINABILITY

The more users use our site, the more the OpenAI API will be utilized, which increases overall energy consumption. Ofcourse, we'll use the most efficient model of OpenAI like chatGPT4-mini and not the old ones like 3.5, which consumes more energy and is less effecient.

HATEFUL AND CRIMINAL ACTORS

The application could be exploited to track users' movements and activities without their consent, effectively spying on them

DATA

Yes, we are aware of the fundamental shortcomings of data, such as subjectivity, incompleteness, correlation vs. causation issues, and biases. We address these by using diverse data sources, regular audits, fairness-aware algorithms, and a user feedback loop. The AI combines data insights with human judgment for nuanced recommendations. Transparency about data practices ensures users understand the limitations and context of the recommendations.

FUTURE

If 100 million people use the AI Trip Planner, travel habits and community norms could change a lot. People might depend more on AI for planning trips, making travel easier and more personalized. Communities might get more tourists, which can boost local economies but also cause overcrowding.

PRIVACY

No, this is a prototype so only the choices of city, days, persons will be saved. No account login/register.

INCLUSIVITY

If the data used for training the AI primarily comes from certain regions, demographics, or travel patterns, it may favor those over others, leading to biased recommendations. Also if the AI uses past travel data that favors popular tourist spots over lesser-known places, it could continue to recommend only those popular spots and ignore other interesting options.

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HUMAN VALUES

How is the identity of the (intended) users affected by the technology?

To help you answer this question think about sub questions like:

- If two friends use your product, how could it enhance or detract from their relationship?
- Does your product create new ways for people to interact?…

TRANSPARENCY

Is it explained to the users/stakeholders how the technology works and how the business model works?

- Is it easy for users to find out how the technology works?
- Can a user understand or find out why your technology behaves in a certain way?
- Are the goals explained?
- Is the idea of the technology explained?
- Is the technology company transparent about the way their…

IMPACT ON SOCIETY

What is exactly the problem? Is it really a problem? Are you sure?

Can you exactly define what the challenge is? What problem (what 'pain') does this technology want to solve? Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? Is it really a problem? For who? Will solving the problem make the world better? Are you sure? The problem definition will help you to determine…

STAKEHOLDERS

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by…

When thinking about the stakeholders, the most obvious one are of course the intended users, so start there. Next, list the stakeholders that are directly affected. Listing the users and directly affected stakeholders also gives an impression of the intended context of the technology.
…

SUSTAINABILITY

In what way is the direct and indirect energy use of this technology taken into account?

One of the most prominent impacts on sustainability is energy efficiency. Consider what service you want this technology to provide and how this could be achieved with a minimal use of energy. Are improvements possible?

HATEFUL AND CRIMINAL ACTORS

In which way can the technology be used to break the law or avoid the consequences of breaking the law?

Can you imagine ways that the technology can or will be used to break the law? Think about invading someone's privacy. Spying. Hurting people. Harassment. Steal things. Fraud/identity theft and so on. Or will people use the technology to avoid facing the consequences of breaking the law (using trackers to evade speed radars or using bitcoins to launder…

DATA

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into…

There are fundamental issues with data. For example:

- Data is always subjective;
- Data collections are never complete;
- Correlation and causation are tricky concepts;
- Data collections are often biased;…

FUTURE

What could possibly happen with this technology in the future?

Discuss this quickly and note your first thoughts here. Think about what happens when 100 million people use your product. How could communities, habits and norms change?

PRIVACY

Does the technology register personal data? If yes, what personal data?

If this technology registers personal data you have to be aware of privacy legislation and the concept of privacy. Think hard about this question. Remember: personal data can be interpreted in a broad way. Maybe this technology does not collect personal data, but can be used to assemble personal data. If the technology collects special personal data (like…

INCLUSIVITY

Does this technology have a built-in bias?

Do a brainstorm. Can you find a built-in bias in this technology? Maybe because of the way the data was collected, either by personal bias, historical bias, political bias or a lack of diversity in the people responsible for the design of the technology? How do you know this is not the case? Be critical. Be aware of your own biases.…

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