Reading guide(Work in progress)

Currently I believe I have finished coding the basics of the website, I have already done testing on it, but I still need to document and implement this feedback. So the lay out is done, but I still have to implement all the correct links and content for the pages.

http://i430712.hera.fhict.nl

Portfolio

Description

I am tasked with developing a product portfolio, which serves as a collection of web pages to exhibit final products that demonstrate the learning outcomes I've attained. It is essential that I take personal ownership of this portfolio to express my identity within the IT field and convey information in a clear and comprehensible manner. This endeavor will be a significant undertaking, and I foresee dedicating my efforts to it throughout the semester. However, I aim to allocate all of my available time to create the initial version within a concentrated three-week period, laying a robust foundation for this project.

Main research question:

How can the integration of interactive and aesthetic aspects, along with AI technologies, enhance the user experience on a website?

Sub research questions and methods to answer the questions:

What are the key principles of interactive design that contribute to a positive user experience on a website?

methods:

Competitive analysis: Researching other portfolios' structures to maintain familiarity with readers and build an optimally usable website. By examining similar websites,

why? I aim to gain insights and determine effective strategies within the field to implement them in my portfolio, ensuring it meets user expectations and industry standards.

Brand style guide: Establishing a brand style guide to maintain consistency and coherence in design, which aids in brand recognition and user familiarity.

why? Consistent branding contributes to a cohesive and professional appearance, thereby fostering a better user experience.

Moodboard: Creating a moodboard to visually represent the aesthetic direction and overall feel of the website.

why? This helps in establishing the visual tone and style, guiding the design process for a more engaging and visually appealing user experience.

In what ways can AI technologies be effectively incorporated into web design to improve user interactions and content delivery? methods:

Available product analysis: Analyzing existing products that integrate AI to understand successful implementation and functionalities.

why?By dissecting successful cases, I can gain insights into best practices and effective methods to implement AI in web design to enhance user interaction and content delivery.

Data analysis: Conducting a thorough analysis of user data and behavioral patterns to determine how AI can enhance user interactions and content delivery.

why? This will provide concrete insights into user preferences and behaviors, enabling the implementation of AI in a way that resonates with the audience.

What is the limit between fun and annoying when it comes to usability of a website? methods:

Prototype: Developing a prototype to test the balance between engaging, enjoyable interaction and avoiding elements that might become annoying.

why? This enables the identification and adjustment of elements that enhance user experience while avoiding potential irritations.

User testing: Conducting user testing to gather feedback on the usability of the website and the level of engagement experienced.

why? This allows for real-time evaluation and improvement based on direct user feedback, ensuring that the website remains engaging without crossing the line into annoyance.

Decomposition: Analyzing the components of the website to pinpoint elements that might border on being irritating or detract from the user experience.

why? This step allows for a detailed understanding of the website's structure and helps in identifying and mitigating elements that could potentially hinder a positive user experience.

Conclusion:

DDW

description:

The Dutch Design Week is an annual event held in Eindhoven, the Netherlands, showcasing the innovative and creative works of national and international designers. It serves as a platform for designers across various disciplines, including industrial design, art, technology, and more, to exhibit their creations, concepts, and ideas. The week-long event features exhibitions, workshops, lectures, and interactive experiences, providing a vibrant and diverse space for both established and emerging designers to display their cutting-edge designs and solutions. Dutch Design Week celebrates design in all its forms, encouraging exploration, collaboration, and discussion about the future of design and its impact on society.

Our assignment was to get inspired by all the artists and create a product of our own, shown in a 2 minute video.

Methods:

1. **Data Collection:** Collect data through direct observation and interaction during the Dutch Design Week, noting the prevalence of paper business cards used by artists.
2. **Interviews and Surveys:** Engage with artists and visitors to gather insights and opinions about the use of business cards and the perception of sustainability in artistic practices.
3. **Documentation Review:** Analyze existing literature, reports, and studies about sustainable practices in the art and design industry to contextualize the observed contradiction.

Conclusion:

despite many artists promoting sustainability, most still use paper business cards. We highlight this by creating a tree out of these collected business cards and then throwing them in the trash, where they all end up anyway. The video's story is about how artists say they care about the environment but use things that harm it. By throwing the cards in the trash, we show that these cards, meant to represent creativity, just become waste.

Social sphere

Planet

Talk to me (chatbot)

description:

Creating an AI system that utilizes GPT models to answer research document-related queries involves several steps. Here's an overview of the process:

Data Collection and Preprocessing: Gather a sizable dataset of research documents relevant to the field or topic you want the AI to address. Ensure these documents are in digital format (PDF, text, etc.).
Preprocess the data to extract the text and clean it for better model training.

Fine-tuning GPT Model: Use a pre-trained GPT model (such as GPT-3) as a starting point. Fine-tune the model on your specific dataset. This process involves retraining the model on your research documents to adapt it to your domain. You'll need substantial computational resources for this step.

Building a Question-Answering System: Develop a system that uses the fine-tuned GPT model to answer questions based on the research documents. This system should take a user's query as input and provide relevant responses by understanding the context of the question and finding relevant information from the research documents.
Natural Language Processing (NLP) Techniques: Implement NLP techniques to preprocess user queries and understand the context. This involves tokenization, sentence segmentation, and other NLP methods to enhance the model's ability to comprehend and respond appropriately.
User Interface/Integration: Create a user interface or integration method (such as an API) that allows users to input questions and receive answers from the AI system. This could be a web interface, a chatbot, or an API for integration into other platforms.
Testing and Iteration: Test the system rigorously with a variety of queries to ensure accuracy, relevance, and overall performance. Gather feedback and refine the system based on user interactions and suggestions.

Deployment and Maintenance: Deploy the system for public or private use. Continuous monitoring, maintenance, and updates are crucial to keep the system up-to-date and functioning optimally.
note that this process involves a considerable amount of work, expertise in machine learning, natural language processing, and access to computational resources. Also I should be mindful of ethical considerations, data privacy, and potential biases in the dataset, which are crucial aspects to address while developing such systems.

Learning outcomes

User interaction (analysis and advice)

Portfolio design process

Initial research project

User interaction (execution & validation)

Prototype figma portfolio

Software development

Programming language reasoning for choosing.

schematic representation of every software product =>chatbot

version control: github, Azure

Future oriented organization

project plan

Investigative problem solving

Sub-questions

Personal leadership

Develop, look at what I still want to learn → chatbot using gpt-3 , something ive never done before

Goal-oriented interaction

Communication stakeholders