

رَحَاله

RAHALH

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Phase 1: Project Description

1.1 Introduction

According to statistics provided by the Ministry of Tourism, more than 3.48 million tourists from both domestic and foreign countries visit the Kingdom of Saudi Arabia each year. More recently, the sector of tourism within the Kingdom of Saudi Arabia has experienced rapid growth, with a tendency to highlight the most significant events held so that the Kingdom is among the nations with the strongest tourism industries. the 2030 Vision. In addition to the 40% of tourists who wait to plan their journey until they arrive at their destination, many tourists struggle with not being aware of the events taking place in the area, here we will show you a new technique could help In that problem by reducing them , we name it “**Rahalh**”.

1.2 Problem Description and Propose Solution

The issue of offering customers a full trip scheduling service during the tourist visit will be addressed by **Rahalh** website. Guests can automatically obtain their schedule in real time with CHAT GPT.

With the aid of this technology, tourists will have a more pleasant experience, encounter fewer issues related to unfamiliarity with popular tourist destinations, and business operations will become more efficient overall. Additionally, it can be applied to the promotion of stakeholders' businesses by emphasizing them in the tourist's table of search results as a crucial component.

1.3. Project Goals

To create a travel website that utilizes CHAT GPT (Generative Pre-trained Transformer) technology. This will enable users to quickly and easily find the best plans for the tourist city they are going to, hotels and events (cafes, tourist places, and archaeological places).

And the objectives are:

- a- To provide an easy-to-use platform for customers searching for their ideal vacation.
- b- To use advanced artificial intelligence technologies such as natural language processing in order to provide accurate results with minimal effort from the user.

1.4 Project Scope:

This project is an Web App for events scheduling, which is useful for the foreigners whom visiting the country for the first time. This System is more effective in Tourism field.

The target users of Rahalh System from multiple types such as, MoT, Product Owners, and the Tourists.

1.4.1 Customers and Users

We have two types:

The customers for Rahalh are MoT, and Product Owners.

The users: Tourists.

1.4.2 The Environment

The actors will always use **Rahalh** from Anywhere, typically by their smartphones or tablets, which runs either website or Android operating systems.

1.4.3 Stakeholders in the system

The system contains multiple keys MoT, and Product Owners. because they are the main supporter of the business and they will be able to determine their target easily and improve their revenues also will rate the application requirements and judge its success.

Phase 2: Project proposal

2.1 Proposed solutions

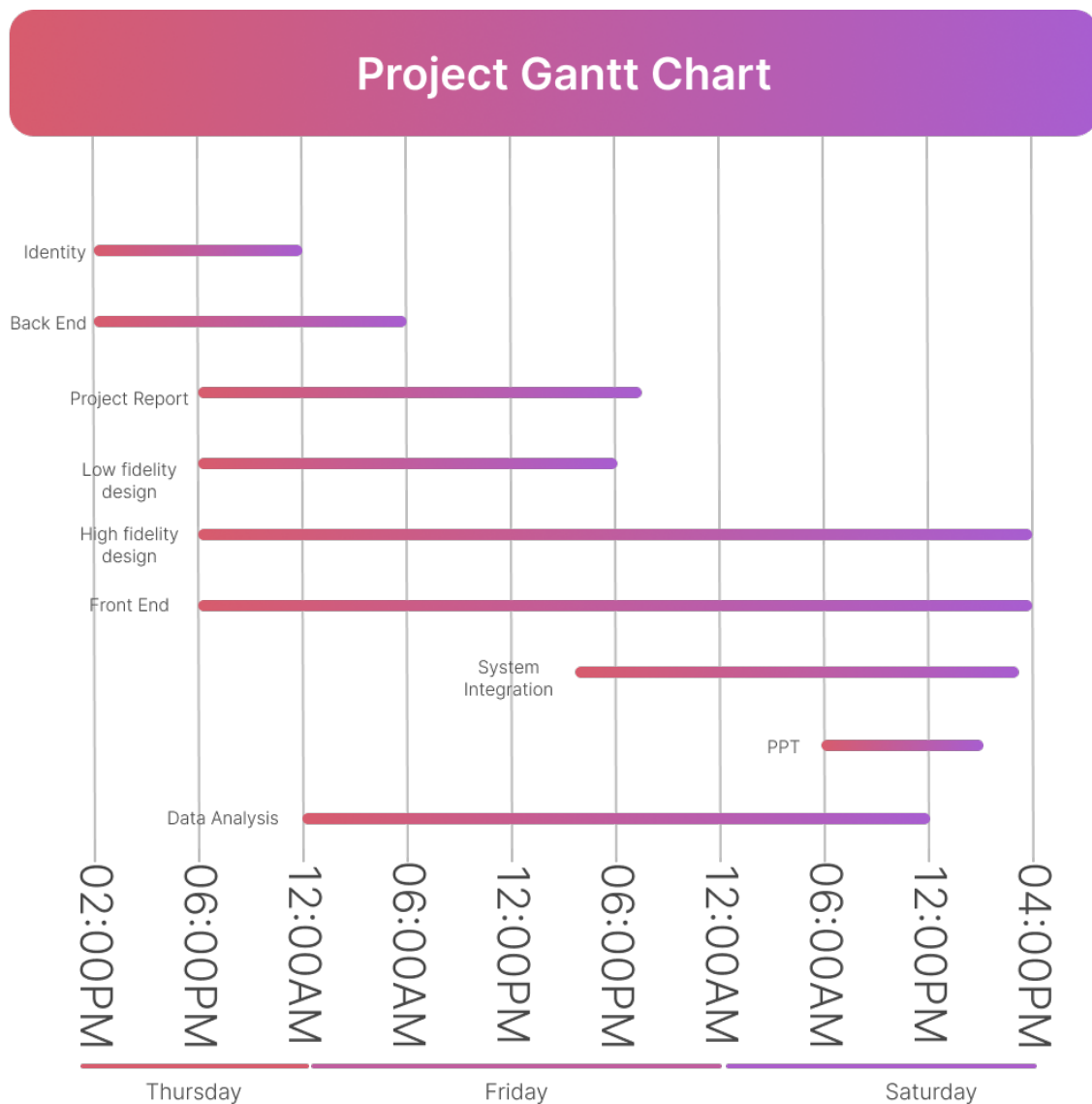
The project for the travel website proposes to use CHAT GPT, a natural language processing technology that can be used to generate automated responses. This technology has been successfully applied in other industries and is now being adapted for use in the travel industry. With CHAT GPT, customers will receive fast and accurate answers to their questions about flight bookings, hotel reservations or any other queries they may have when planning their trips. The proposed solution also provides an efficient way of handling customer service inquiries as it allows businesses to respond quickly without having staff manually answer each query individually. Furthermore, this solution helps reduce costs associated with manual customer service operations while providing better customer satisfaction rates due its accuracy and speed of response times.

2.2 The technology we used

- ChatGPT API.
- Weather API.
- Geo API.
- Figma.
- Microsoft project
- Canva
- Illustrator

2.3 Timelines for the project

Here we display the time tracking during the project's implementation phase.



2.4 Potential risks and challenges associated with the project

Based on the search results provided, there are some potential risks and challenges associated with using ChatGPT for a travel website. Here are a few:

Accuracy: While ChatGPT is a powerful language model that can generate human-like responses, its accuracy is not perfect. There is always a risk of generating inaccurate or misleading responses, which can negatively impact the user experience and potentially harm the reputation of the travel website. It is important to evaluate the accuracy of ChatGPT's responses before using it on a website.

Lack of context: ChatGPT works by analyzing patterns in language, but it lacks contextual awareness. Without proper context, it can generate irrelevant or inappropriate responses that can confuse or frustrate users.

- **Security:** ChatGPT is an AI model developed by OpenAI, a company that is committed to developing beneficial AI for all. However, any technology that involves the exchange of information with users or other systems carries a certain level of risk. It is important to ensure that there are proper security measures in place to protect users' personal information and prevent data breaches or other security threats.

- **Legal considerations:** The use of AI in travel websites may raise legal issues related to data privacy, intellectual property rights, and liability for misleading information. It is important to consult with legal experts to ensure compliance with relevant laws and regulations.

Overall, while ChatGPT has the potential to enhance the user experience on a travel website, it is important to carefully evaluate the risks and challenges associated with its use and take appropriate steps to mitigate them.

2.5 The expected impact or benefits of the project

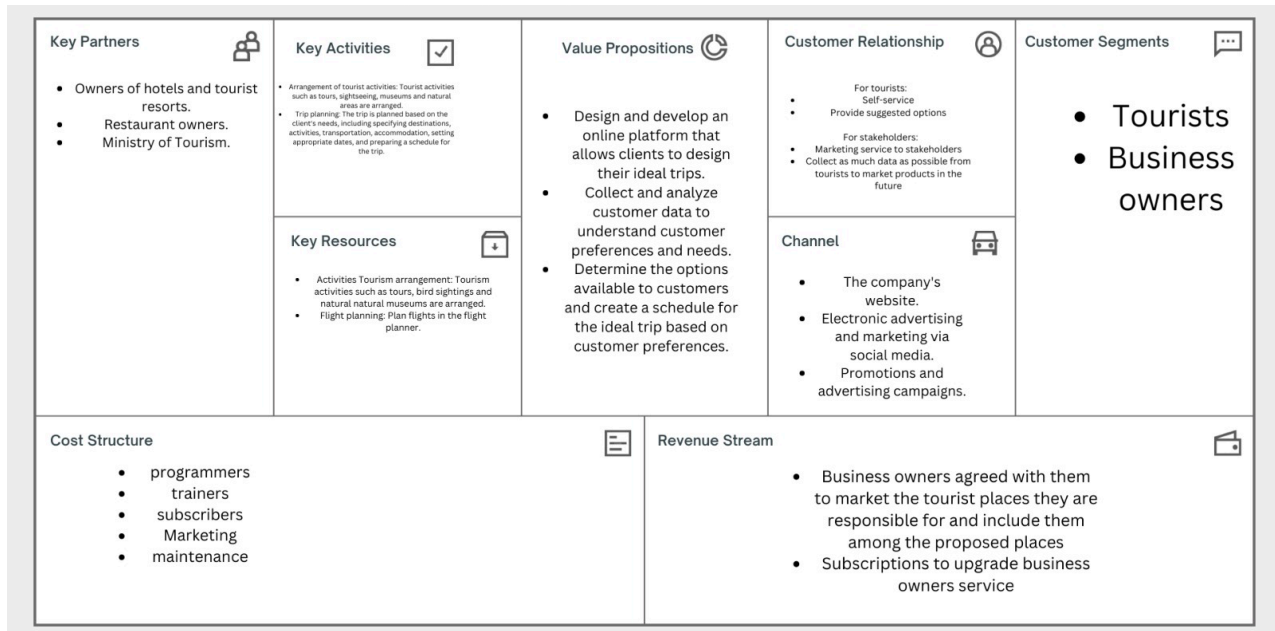
The CHAT GBT project is an exciting new initiative that is aiming to revolutionize the way people interact with travel websites. This innovative project has the potential to greatly improve customer experiences, increase engagement and loyalty, and allow for more personalized services.

One of the most significant expected impacts of this project will be improved customer experiences when using travel websites. By leveraging natural language processing (NLP) technology, users will be able to communicate with a virtual assistant in their own words rather than trying to navigate through complicated menus or search functions on a website. This could significantly reduce confusion or frustration associated with online booking processes as well as making it easier for customers who are unfamiliar with how these sites work. Additionally, by having access to real-time recommendations tailored specifically towards each user's needs and preferences based on past interactions can provide customers even greater satisfaction when looking for flights or other services related to travelling plans they may have in mind .

Finally , another benefit that this project provides is increased loyalty from customers due its ability facilitate meaningful conversations between them and service providers . Through conversational AI capabilities , users can feel like they are being listened too while also providing companies valuable feedback which helps inform future decisions regarding product development , marketing strategies etc.. In addition , since CHAT GBT allows companies access into individual conversations taking place between their staff members & clients it gives them great insight into what types of products/services people want so that they can better tailor offers accordingly leading higher conversion rates & ultimately more satisfied loyal patrons.

Phase 3: Business Requirements Specifications

3.1 Business Model of RAHALH



3.2 Supplier

- Elm Co.
- Tuwaiq academy.
- Vectara.
- Ministry of Communications and Information Technolog.

3.2.1 The profits of the project

The profits of the project consist In Rahala, the subscription values based on the services given based on the services in each subscription in an effort to diversify the sources of income proportionate to our target group.

3.2.2 The expenses of the project

Constituent costs and operational costs are the two kinds of costs we face:

- Regarding incorporation fees, they will be covered by employee wages and the company's headquarters. As a result, we will have a completely technical team as well as a team of designers.
- The operational expenses, which will be largely fixed, will cover the price of developing and maintaining the website as well as negotiating contracts with the businesses we deal with on a regular basis.

Project Team Summary

- Fai Ibrahim Al-Sunayd:
Business Analyst, UX/UI Designer, along with more than 5 years experience in Business Development and Graphic Design.
- Dalal Fahad Al-Qahtany:
Data Science, Data analytics, AI product manager, UX/UI Designer, and Front End developer.
- Mawadda Khalil AlGhamdi:
Fresh graduate, Front end developers, and UI/UX designer.
- Rana Abdulrhman AlDossari:
Computer science student, front end web developer, and UI Designer.
- Zaid hussain AlSharif:
Expert in Full stack web developer, along with 3 years experience in web development.
- Abdullah Ahmad AlShebel:
Expert in Full stack web developer, along with 2 years experience in web development, and UX/UI Designer .