
COMPANY NAME

Travel Advisor Web Application

Project Vision Document

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Group 5

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1 Introduction

Project vision document provides for stakeholder the overview, positioning, purpose, description of the product that our team builds.

1.1 Purpose

The purpose of this document is to collect, research and analyze high-level of requirements needed in building web application, **Travel Advisor**. It provides the direction of project, set goals, and define the criteria of success. It shows the details how the product can fulfil requirement needed to stakeholders and users. Besides, it helps to motivate, engage, and inspire the project team working on the project.

1.2 Scope

In project management, scope refers to boundaries and requirement of a project. The scope includes all problems, elements that the team building project need to solve, plans to do and all the works needed to finish the product.

1.2.1 In Scope:

- Project objective: our primary goal of our project is bringing to stakeholder a unique and high-quality web application call Travel Advisor. Travel Advisor aims to traveler who want to search for place they want to visit included reviews, images, and rating. It will provide complete website discovery, comprehensive user experience and creative design, friendly user interface. Besides, service providers can advertise their products and services. The admins will easily manage the system through adequacy dashboard.
- Timeline: completing the project in 7 months from the start of the project
- Deliverables: the client will receive a web application with zero error, easy to use and adequacy functions. Clients can access the web application via phone, tablet, or desktop with high responsive and multi-size screen.
- Budget: \$CAD 10,000
- Constraints: team might have not enough knowledge about technology need to build completed web application and not enough time to complete the project that may cause delay.

1.2.2 Out of Scope:

- Creating navigation system that navigate users to place they want to visit.
- Publishing the completed app to app store and CH play.
- Making booking system with travelers and service providers.
- Making marketing strategy through social media.

1.3 Definitions, Acronyms, and Abbreviations

Term	Explanation
API	Application Programming Interface
UI	User Interface
UX	User Experience
MERN stack	Stand for MongoDB, Express, React and Node, a free and open-source JavaScript software stack for building dynamic web sites and web application

1.4 References

Name	Link
Trip expert	Tripexpert.com
Trip advisor	Tripadvisor.ca
Rapid API	Rapidapi.com

2 Positioning

2.1 Business Opportunity

Travel business is increasingly developing rapidly in recent years as the result from the development of technology, the process of industrialization and urbanization taking place faster in developing countries. Also, the global cooperation trend is inevitable, the world economy continues to grow, people's living standards are constantly being improved. In the context, people's travel needs are growing rapidly. Tourism on a global scale has grown rapidly and become the leading economic section in the world. However, there is few websites that support travelers in searching reliable places that they want to visit. We, Travel Advisor, was built with priority providing for travelers trusted user-review travel sites that help you make decision on where to visit, stay, dine, and go with confidence. Besides, service provide can promote their products through uploading service's description.

2.2 Problem Statement

The Problem of	Untrusted traveling websites, lack of fundamental functions for a traveling website.
affects	- Travelers, service providers, administrator.
the impact of which is	Making confuse in selecting places and services for travelers, affecting in promoting products of service providers and admin can't manage system effectively.
a successful solution would be	A flexible, high-speed loading travel advisor website can help traveler searching places that they want to visit easily. The result of searching will be very relevant to what user want which include images, reviews, rating, and weather condition. Besides, travelers can ask the question about the tours to specific places, and what people think about these places. Users can save a place to their wish list to see later and also can add new place to a list so that other users can see and can make a review on it. About service providers, they can promote their product by uploading product description (prices, location, list of products). Admin can manage properly users and services.

Table 1 Problem Statement

2.3 Product Position Statement

For	traveler
Who	Need a trusted user-review website to make decisions on where visit, dine and go with confidence.
The Travel Advisor	is a web application
That	Provide the ability for traveler to search places to visit including review, images, and rating from experienced and trusted users.
Unlike	Current available web application does not build for iOS and Android, only access via web browser, do not have marketing strategy via social media and do not have navigating and booking system.
Our product	Provide friendly and creative UX/UI which make users easy to use, adequacy functions which is searching for places, indicating reviews, rating and images of places, uploading place's description for service provider and manage users for admins.

Table 2 Product Position Statement

2.4 SWOT Analysis

Strengths	Weaknesses
- Management team: we have talent people working close together in developing product.	- Time management: because we have a lot of class in school, we don't spend a lot of time working on the project.
- Technical skills: we are familiar with MERN stack which is the latest technology to building web application.	- Background: we lack design skill.
- Unique feature: we provide live weather of the places that travelers want to visit and traveler and ask the question.	- Marketing: don't have enough expense for marketing strategy
Opportunities	Threats
- Optimization: optimize for different screen devices as the result from highly responsive build.	- Competitors: large number of competitors in websites for travel business.
- Attraction: high needs from travelers want to search for a traveling website.	- Cost: rising when developing and maintaining the website.
- Expansion: easy to scale to larger website with more potential features.	

3 Stakeholder and User Descriptions

3.1 Stakeholder Summary

Stakeholder Name	Represents	Role
Technical managers	This is a stakeholder that primary for leading the system development	Oversees the development, implementation, maintenance, and processes, including troubleshooting any potential issues.
Executive Sponsor	This is a stakeholder that primary for leading the system development	Approving all changes to the project scope, financially authorizing a project, creating the project charter, and approving project deliverables.
System Analyst	This is a stakeholder that works with the stakeholders to gather their needs.	Using analysis and design technique to solve system problems, identifying the system's objective and ensures that every component is developed to accomplish the objectives of the system.
Testers	This is a stakeholder that important in ensure the quality of a product.	Conducting automated and manual tests to ensure the software created by developers is fit for purpose and any bugs or issues are removed within a product before it gets deployed to everyday users.
UX/UI designer	This is a stakeholder that building user interface and experience.	UX designers make sure that the browsing experience and features are accessible for users, analyzing the target audience's behaviors while UI designers deal with the layout and visual design, where fonts colors, forms, sounds, and animation are their instrumental.

Stakeholder Name	Represents	Role
Back-end developer	This is a stakeholder that building back-end for the system	Back-end developers create, code, and improve the server, server-side applications, and databases that, when combined with front-end codes, help create a functional, seamless experience for the end-user.

Table 3 Stakeholder Summary

3.2 User Summary

Username	Description	Responsibilities	Stakeholder
Traveler	Primary end user of the website.	Building system ecosystem with reviews or rates from user, helping developers improve the system with better user experience	self
Service provider	Secondary end user of the website.	Provide service description and assist users if they ask any question about their service.	self
Administrator	End user of the system	Manage the system, monitor the status of the system, and ban any user if them violate rules of the system.	self

Table 4 User Summary

4 Stakeholder Requirements

ID	Requirement	Stakeholder
1	Secured access	Back-end developer & tester
2	Responsive UI	UI designer
3	Friendly UX	UX designer
4	Scalable	Technical manager & system analysts.
5	Flexible	UX designer

Table 5 Stakeholder Requirements

5 System Features

ID	Feature	Description
1	Search for a place	When user search for a place, system will give results of list of relevant places including photos, description, and reviews from other users.
2	Comment, rate places	When the user log on the website, the user can write comments or give a rate for places.
3	Sign in and log in	Traveler can sign in and login the system to use some additional features such as comment, rate or add favorite places.
4	Add a place to the favorite list	User can add a place to favorite list to see later.
5	Service provider can write their service description.	Service can be verified to have their own role such as make description for their service including price, location, and guild line.
6	Ask a question for system or other users	Traveler can ask a question about places, so that other users who visited can answer.
7	Tracking weather	Travel can track live weather of the place including temperature, humidity, wind speed...

ID	Feature	Description
8	List the most popular places by categories	The website rank most famous places sorting by user rating, system rating or rating from other source.
9	Add, update, or delete user	Administrator can manage user through dashboard includes some function like add, update, or delete.
10	Delete, edit user review	Administrator can manage user review including photos, comments, and rating.
11	Change user roles	Administrator can change use role to admin, service provider or traveler.

Table 6 System Features

6 Assumptions

- Technology will remain consistent through the project.
- The team members will work and commute closely together until the project completed.
- Project team members will have the resources they need to complete their individual tasks on time, from specialized equipment and software to electricity during working hours.
- All equipment will be in working condition through the project cycle.

7 Constraints

- Our team don't have much experience in building completed product, so that there are some bugs and unprofessional in part of project that the users might not happy.
- We don't have strategy marketing, so that not many users can know about the website.
- We don't have enough time to work close to each other because we still are studying and attending many classes in college.
- Scope in this project still small, it can be scaled but in the future with some additional features such as booking or live navigation system.

- Need more time to organize and optimize the system.