

Ministry of Education

University of Jeddah

Collage of Computer Science and Engineering



Stage-I

The Traveler Application

CCSW 313 – Software Project Management

Dr. Jamila Mohammed Alamri

Student:

Ameera Alreheli 2110295

Nouf Asahafi 2111270

Ghala Albahli 2110026

Fatima Aldoaan 2114913

Sadeem Alqahtani 2111929

Case Business for The Traveler

Date:17-4-2023

Prepared by: Ameerah, Nouf, Sadeem, Ghala, Fatima

1.0 Introduction/ Background

The idea of the project is to develop an application that contains several services and facilities in the city such as (Hospitals, Gyms, Schools, Malls, Restaurants and coffee Shops). It is divided into categories so it can be easier to search with other users reviews so the user can choose the best option.

2.0 Business Objective

The project's primary objective is to simplify travel for the traveler, reduce the time and effort spent looking for essential travel necessities, and improve travel quality and comfort. The application is designed to make it possible for users to take advantage of its services at any time, from any destination, in any language.

3.0 Current Situation and Problem/Opportunity Statement

One of the most important problems that we noticed in the community is that it is forced to book from more than one application, as this causes the loss of some reservations or theft by suspicious sites, and from them it saves a lot of time and effort, and also reduces prices through some offers, or if the customer encounters any problem that makes it easier for him Only communicate with one party

4.0 Critical Assumption and Constraints

The proposed program should be an aid to all travelers, so it should be easy, simple and understandable and provide travelers with all the things they may need, and be operable on all systems so that everyone can use it and benefit from it, as well
It should require minimal technical support, be secure, and maintain the confidentiality of users' data

5.0 Analysis of Option and Recommendation

5.1 Analysis of Option

1. Social media accounts
2. Adds
3. Application for making traveling easier

5.2 Recommendations

The group recommends option 2

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6.0 Preliminary Project Requirements

- 1-** The application must enable the user to create an account.
- 2-** The application must enable the user to log in.
- 3-** The security system displays a message when there is an error in the password.
- 4-** The user must be able to recover the password.
- 5-** The application must display all the services available in the application.
- 6-** The user must be able to choose the service he wants.
- 7-** The application displays all transportation drivers information.
- 8-** The application allows the user to search for the service they want.

- 9-** The application provides sufficient information to communicate with service owners in case of any inquiries.

10- The user must be able to send an invitation to the available user to meet.

11- The application sends alerts to the user.

12- The application must enable the user to log out.

7.0 Budget Estimate and Financial Analysis

In this project, two important tools for monitoring financial performance, namely budget estimation and financial analysis, were utilized. A budget was estimated to specify the expected revenues and expenses for a specific period of time, which included all sources of income and expected expenses. The initial cost estimate for the entire project was \$90,000, with the project manager working five days a week, every day for 10 hours would earn \$150. and the rest of the project members earning the equivalent of \$100 per day.

Moreover, \$10,000 is included in the original cost estimate for software and supplier services. When the project is finished, annual maintenance expenditures of \$20,000 are included. The expected benefits of the project depended on its success, whether in purchasing it from users or in developing it. The predicted expenses and benefits were summarized in Exhibit A, which also displayed the estimated net present value (NPV), return on investment (ROI), and year of payback, along with a list of presumptions used in the preliminary financial analysis.

The anticipated return in year four was high, with the discounted ROI based on a five-year system life being 65% and the NPV being \$61,137.

Financial analysis is the process of evaluating financial performance through analyzing financial data, which helps identify strengths, weaknesses, opportunities and threats in the project, as well as making informed decisions based on data.

8.0 Schedule Estimate

Project scheduling is estimated based on estimating the time and resources required to complete the task of each project. Accordingly, it was estimated that this project would be completed within two months and within the budget that lies in analyzing the potential

revenues and costs of the project. The expected profit of the project will be one year after its inception.

9.0 Potential Risks

This project has some problems, such as that you may be robbed of a large amount of money because it brings all your reservations together, and if the customer service is bad, you will be unable to solve the problems that occurred to you, and it is possible that if one problem occurs in the project, you will be unable to display any reservations.

10.0 Exhibits

Exhibit A: Financial Analysis

Financial Analysis for The travel application					
Created by: Nouf Alsahafi					
Discount rate	8.00%				
Assume the project is completed in Year 0	Year				
	0	1	2	3	Total
Costs	50,000	15,000	10,000	10,000	75,000
Discount factor	1.00	0.92	0.85	0.79	
Discounted costs	50,000	13,800	8,500	7,900	80,200
Benefits	0	50,000	50,000	50,000	
Discount factor	1.00	0.93	0.86	0.79	
Discounted benefits	0	46,500	43,000	39,500	#####
Discounted benefits - costs	(50,000)	32,700	34,500	31,600	48,800 ← NPV
Cumulative benefits - costs	(50,000)	#####	17,200	48,800	
ROI →	61%				
	Payback in Year 1				
Assumptions	#hours				
Costs					
PM(200 hours, 30\$/hour)	6000				
Staff(600 hours, 50\$/hour)	30000				
Outsourced software and services	14000				
Total project (all applied in year 0)	50000				
Benefits					
#consultants	1000				
Benefits from saving time	40000				
\$/hours profit	9000				
total annual project benefits	50000				

Stakeholder Register for The Traveler

Prepared by: Ameera, Nouf, Sadeem, Ghala, Fatima

Date: 17-4-2023

Name	Position	Internal/ External	Project Role	Contact Information
Nouf Alsahafi	CEO	External	Manager	inoufalsahafi@gmail.com
Ameera Alreheli	Client	External	Sponsor	Ameera-20002@hotmail.com
Fatima Aldoaan	Security manager	Internal	Advisor	fatimabbna@gmail.com
Ghala Albahli	System Developer	Internal	Developer	ghala5533@gmail.com
Sadeem Alqahtani	resource manager	Internal	Team member	sademm049@gmail.com

Stakeholder Management Strategy The Traveler

Prepared by: Ameera, Nouf, Sadeem, Ghala, Fatima

Date: 17-4-2023

Name	Level of Interest	Level of Influence	Potential Management Strategies
Nouf Alsahafi	High	High	Nouf responsible for managing, and she helps the team and improves their work.
Ameera Alreheli	High	High	Amira is the sponsor of the project if they need advice they ask her, and she is very excited to see the project use everywhere.
Fatima Aldoaan	High	High	Fatima oversees communication programs and plans for their business or clients.
Ghala Albahli	High	High	Ghala will build web apps. writes the app's or website's code. also carries out other tasks on the server, such as securing and storing data.
Sadeem Alqahtani	low	High	Sadeem will monitoring the project from a financial point of view so as not to fall into losses and to quickly solve any problem that occurs for the project.

Project Charter

Project Title: The Traveler

Project Start Date: 2-4-2023

Projected Finish Date: 2-7-2023.

Budget Information: Amira is the sponsor of the project, and she has allocated \$80,000 for this project. The time that we need to finish the work at the lowest costs is 3 months, and most of the costs will be for developing the application. An initial estimate provides a total of 70 hours per week.

Project Manager: Nouf AL Sahafi, 0548420047, inoufalsahafi@gmail.com

Project Objectives: The general concept of the project is to enable you to search hundreds of travel websites in one software, to find out exactly what you need for your trip. Thus, we provide our customers with complete ease and comfort in travel. Multiple solutions to make hotel, flight, restaurant, or car reservations in the easiest way. One of our other goals is that it will save time and effort when preparing your travel reservations.

Main Project Success Criteria:

Approach:

Roles and Responsibilities

Role	Name	Organization/ Position	Contact Information
Sponser	Nouf Alsahafi	CEO	inoufalsahafi@gmail.com
Sponsor	Ameera Alreheli	Client	Ameera-20002@hotmail.com
Advisor	Fatima Aldoaan	PR director	fatimabbna@gmail.com
Devaloper	Ghala Albahli	System Developer	ghala5533@gmail.com
Team member	Sadeem Alqahtani	resource manager	sademm049@gmail.com

Sign-off: (Signatures of all above stakeholders. Can sign by their names in table above.)

Comments: (Handwritten or typed comments from above stakeholders, if applicable)

Just-In-Time Training Project

Kick-off Meeting

Date:2-3-2023

Meeting Objective: Revise the status of the project plan, assess risks, and make decisions on priorities, and contingency plans.

Agenda:

- Introductions of attendees
- Background of project
- Review of project-related documents (i.e. business case, project charter)
- Discussion of project organizational structure
- Discussion of project scope, time, and cost goals
- Discussion of other important topics
- List of action items from meeting

Action Item	Assigned To	Due Date
Stakeholders' strategy	Nouf Alsahafi	17-4-2023
Ensure that everyone on the team is aware of the project's goals, objectives, and specific duties.	Ameera Alreheli	19-4-2023
Interview meets stakeholders	Fatima Aldoaan	20-4-2023
revise project charter	Ghala Albahli	20-4-2023
Verify project funding	Sadeem Alqahtani	25-4-2023

Date and time of next meeting: 29-4-2023 8:00AM