***Application Booking a Trip***

# Project name:

# -Application Booking a Trip.

# Project sponsor:

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# Project manager:

**Name: Asmaa hamdan**

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# Project team:

**- Amira Ahmed –section 3**

**- Amira Ezzat – section 3**

**- Asmaa Hamdy –sectoin 3**

**-ALshaimaa abd elnaeem –section 3**

**- Arwa Rabie –section 2**

# Project purpose:

**The major aim of this project stores and query and make travel bookings, it was later extended to travel agencies. Large electronic booking systems that sell tickets to several transport are known as global distribution systems (GDS), Modern global distribution systems allow booking hotel rooms and car rental, in addition to travel tickets, and train tickets in some countries*.***

# Business case for the project:

# The project is aimed to:

# 1- Facilitating the search for flights

# 2- Compare the prices of services among themselves

# 3- Increased airline sales and income

# 4- The ability to provide integrated tourism programs (such as booking travel tickets, cars, hotels, etc.)

# 5- Facilitates administrative processes and reduces the number of employees because it combines more than one system in one system

# Key deliverables of the project:

**Electronic reservation systems provide reservation and inquiry service for:**

**-hotel rooms**

**-taxis (taxi)**

**- Integrated tourism programs**

**-sea trips**

**-Insurance**

**-Tourist city trips**

**-Embassy trips**

**-Restaurant Reservations**

**-Play tickets**

**- train tickets**

**-Phrase**

**- luxury cars**

**It also facilitates the process of changing the itinerary and comparing the prices of services among them, in addition to a graphical interface for seats to facilitate the process of booking them in Basic advance.**

# Basic milestone timeline:

* **September: Gathering data for the project.**
* **October and December: Developing**
* **January: Test.**
* **February: solve the problems and announce the program.**
* **March: Install the system in company.**

# Benefits:

**-Save time and make reservation faster.**

**-Increased customer volume for trips, hotels, etc**

**-it is easy to know hotel premises and pricing.**

**-Project resources:**

**1- A team of programing.**

**2- Device of receiver.**

**Budget: 500,000$.**

**Staff:**

**-** **organizers**

**Vendor:**

**Marketing companies and enternet markets (like Android, Google play, hotels and company)**

**• Budget:**

**500,000 $ (includes servers, project licenses, developers,**

**Designers and training)**

**• Constraints:**

**1-The project must take time less than 6monthes.**

**2-The project must not exceed 500,000 $.**

**3-** **The application must be bought from** **the company responsible for the trips.**

**• Assumptions:**

**1- The project does not take more than 6monthes.**

**2- The cost no more 500,000$**

**.High –level risks:**   
**-Suppliers are currently going to build a direct customer relationship by**

**-Provision of online bookings**

**-Travel agencies attempt to purchase a large quantity of goods and sell them directly to customers, thus limiting the use of the electronic reservation system as well as increasing their profit**

**-Inability to convince the owner of the company to buy the program**

***Project scope***

**1-Project scope description:**

## - It is an application you use to book the trip, including places and transportation so that you can book to your trip at home for any where.

## - You can use the app from any device.

## - You can pay for the trip through the app

**-The application can cancel the trip within 48 hours from the time of booking if**

**The customer did not leave the flight**

**2-Project Acceptance Criteria:**-**Beautiful user interface.**

# -Easy to use, faster and comfortable.

**-It makes me easy to find places**

**-The app is equipped with GPs.**

**-The application is available on mobile app and Android, etc.**

**3-****Project Deliverables:**

- **Project plan, reports, documents and resources which return to the system**

**- Saving money and time.**

**4-Project Exclusion:**

**- One of customer requirements that the app show him the hotels and restaurants available every day, but the sponsor and manager refuse this request as it need a lot of time and cost.**

5-Project constraints:

-**Budgeting of about $50,000 that cannot be increased during project implementation.**

**- The project must be delivered three months from the specified time.**

**- The project needs some smart devices.**

**6 - Project Assumptions:**

**-To use the application requires smart devices.**

**-Now we are in an age of technology.**

:: WBS

# Application Booking a Trip

## 4.Requirments

# 4.1.

# Determining

# The Scope of Dealing

# 4.1.1. Area Prices

# 4.1.2 Offers Made

3. Data

Collection.

# 2.1. Passenger Data

# 2.2 Travel Area Data

# 2.3 Flight Data

**2.Developement**

**2.1 Network**

**2.2 Web site for the application**

**2.3 Application design**

**2.3.1 Create Tables**

**2.3.2 Create relationships**

**2.3.3 Create**

**2.4 Create DB**

**2.4 Create DB**

**2.4 Create DB**

**Android APP/ios APP**

**5.1 Test the Application**

**5.1.1 Test DB**

**5.1.2 Test Android**

**5.1.3 Test Ios**

**5.2 Explain and Fixed Errors**

**5.3 pushing Apps on Stores**

**5.4 Make Advertisement**

# Planning

* + 1. **Define Tasks**
    2. **Tasks Dividing**
    3. **Identify resource**
    4. **Determine the time**

## 1.Create the application

# 5. Finishing

**Dictionary of WBS**

## Create the Application:

**- Work Package ID**: **1.1**

**Work Package Name:** **planning.**

**Description: Think of everything about the project**

**Person**: **Manager and team**

**Start Date**: **2 September 2021.**

**End Date**: **10 September 2021.**

**- Work Package ID: 1.1.1**

**Work Package Name: Define tasks.**

**Description: Define different tasks for all members.**

**Person: Mangaer and team.**

**Start Date: 11 September 2021.**

**End Date: 17 September 2021**.

**- Work Package ID: 1.1.2**

**Work Package Name: Tasks dividing.**

**Description: Divide the different tasks among the whole group.**

**Person: Manager**

**Start Date: 18 September 2021.**

**End Date: 27 September 2021.**

**- Work Package ID: 1.1.3**

**Work Package Name: Identify resources**

**Description: The places from which we take the information to complete the project**

**Person: Team**

**Start Date: 28 September 2021.**

**End Date: 5 October 2021.**

**- Work Package ID: 1.1.4**

**Work Package Name: Determine the time.**

**Description: Specify a specific time to implement.**

**Person: Manager and team**

**Start Date: 6 October 2021.**

**End Date: 12 October 2021.**

1. **Development.**

**- Work Package ID: 2.1**

**Work Package Name: Network.**

**Description: A group of connected routers.**

**Person: team.**

**Cost: 12 thousand.**

**Criteria of acceptance: connection speed.**

**Start Date: 7 October 2021.**

**End Date: 14 October 2021.**

**- Work Package ID: 2.2**

**Work Package Name: Web site for application.**

**Description: The site on which the application is downloaded.**

**Person: Manager and team.**

**Start Date: 15 October 2021.**

**End Date: 21 October 2021.**

**- Work Package ID: 2.3**

**Work Package Name: Application design.**

**Description: Design the application according to the required specifications.**

**Person: Designer.**

**Cost: 15 thousand.**

**Start Date: 22 October 2021.**

**End Date: 28 October 2021.**

**- Work Package ID: 2.4**

**Work Package Name: Create DB.**

**Description:** **A set of precise data that defines the project.**

**Person: Developer.**

**Cost: 10 thousand.**

**Start Date: 29 October 2021.**

**End Date: 5 November 2021.**

3. Data Collection

**-Work Package ID: 3.1**

# Work Package Name: Passenger Data.

**Description: means the provided by Authority as per Appendix-II to this RFP.**

**Person: Manager**

**Start Date: 6 November 2021.**

**End Date: 10 November 2021.**

**- Work Package ID: 3.2**

**Work Package Name: Travel Area**

**Description:** [**means basic**](https://www.lawinsider.com/dictionary/travel-data)**data (such as timetables of public transport and tariffs) necessary to provide multi-modal travel information before and during the trip to facilitate travel planning, booking and adaptation.**

**Person: Manager**

**Start Date: 11 November 2021.**

**End Date: 17 November 2021.**

**Work Package ID: 3.3**

**Work Package Name: Flight Data**

**Description: Flight data includes the data that is gathered during flight and any other information that is related to the operation of the System**

**Person: Manager**

**Start Date: 18 November 2021.**

**End Date: 23 November 2021.**

**4.Requirment:**

**- Work Package ID: 4.1**

**Work Package Name: Determining the Scope of Dealing.**

**Description: Should be as brief possible but complete, one or two pages are typical for small projects.**

**Person: manger and team.**

**Start Date: 24 November 2021.**

**End Date: 30 November 2021.**

**- Work Package ID: 4.1.1**

**Work Package Name: Area prices.**

**Description: Find out the different prices of different places.**

**Person: team.**

**Start Date: 1 December 2021.**

**End Date: 5 December 2021.**

**- Work Package ID: 4.1.2**

**Work Package Name: Offers made.**

**Description: Find out the Offers provided different places both on the prices or offer offers free of charge.**

**Person: Team.**

**Start Date: 6 December 2021.**

**End Date: 10 December 2021.**

**5.Finishing:**

**- Work Package ID: 5.1**

**Work Package Name: Test the application.**

**Description: We must test the program before we put it on stores**

**Person: Tester.**

**Start Date: 11 December 2021.**

**End Date: 15 December 2021.**

**- Work Package ID: 5.1.1**

**Work Package Name: Test DB.**

**Description: Ensure data integrity.**

**Person: manager and team.**

**Start Date: 16 December 2021.**

**End Date: 20 December 2021.**

**- Work Package ID: 5.1.2**

**Work Package Name: Test Android**

**Description: Ensure the safety of data on Android.**

**Person: team**

**Start Date: 21 December 2021.**

**End Date: 25 December 2021.**

**- Work Package ID: 5.1.3**

**Work Package Name: Test IOS**

**Description: Application testing on all systems.**

**Person: team**

**Start Date: 26 December 2021.**

**End Date: 31 December 2021.**

**- Work Package ID: 5.2**

**Work Package Name: Explain and Fixed Errors**

**Description: The application test is error-free.**

**Person: team**

**Start Date: 1 January 2022.**

**End Date: 6 January 2022.**

**- Work Package ID: 5.3**

**Work Package Name: Pushing Apps on Stores**

**Description: Make advertisements for the app to be posted on websites.**

**Person: Manager and team**

**Start Date: 7 January 2022.**

**End Date: 13 January 2022.**

**- Work Package ID: 5.4**

**Work Package Name: Make Advertisement**

**Description: A published work to clarify the work of the application.**

**Person: Marketing team.**

**Cost: 14thousand.**

**Start Date: 7 January 2022. End Date: 13 January 2022.**

