**Tourism Guide for Jordan**

*Students Preparation:*



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4. Introduction
   1. Order request and relevant project title

The order of the system is to create a tourist guide site to show information of tourist areas, Jordan is one of the famous tourist countries as it comes millions of tourists every year. However, there are often some difficulties for tourists to find their suitable destination to visit and plan the itinerary, this system that we will build will help tourists plan their journey by proposing tourist sites.

* 1. Business Description

The system provides service to individuals and travel agencies operating in Jordan, and provides recommendations to tourists on tourist places, accommodation options and other travel-related information. The system will be available online and accessible through the Internet browser on the phone or website. The aim of this system is to help tourists choose their destination and plan their trips to Jordan appropriately for them.

* 1. Problem Statement

The lack of clear and reliable information for tourist places is frustrating for tourists, and the lack of a user-friendly website that provides reliable information on tourist places, accommodation options and weather updates can be an obstacle for tourists

* 1. Project Objectives
     1. Building a website provides reliable information about tourist places and accommodations.
     2. Create an easy-to-use interface that allows tourists to navigate the website easily
     3. Help tourists plan their destinations by creating dedicated travel routes
  2. Project Schedule, Roles, and Responsibilities

We will build the proposed system within 4 months. Our team for this project has three members. The roles and responsibilities of each panel member are defined as follows:

* + 1. Project Manager: the person responsible for the full implementation of the project, who is responsible for ensuring compliance with the project's specific time, cost estimate and quality control.
    2. System Analyst: Responsible for analyzing the system, collecting requirements and building system models.
    3. Programmer: Responsible for designing and building the system.

1. The Model
   1. Description of the used model

The model chosen for system development is the waterfall model.

The waterfall model is a linear model that works well for projects with clearly defined requirements and events. This model includes well documented steps and works well with projects with fixed budget, duration and range.

* 1. Reason of using the selected model.

We chose the waterfall model lan system requirements are perfectly clear, this method provides a structured model while requiring less time and resources

* 1. Effect of the model of the project

This model enables the project team to effectively pursue the development process.

* 1. Challenges on applying the model

The main challenges in applying the waterfall model are to follow a consistent linear path, if there are any adjustments required during subsequent stages that are difficult to change

1. Requirements
   1. Introduction and Problem/Opportunity Description

The aim of this system is to provide reliable information on tourist places, accommodation options and weather updates for tourists, and should help tourists plan their trips to Jordan with high efficiency.

* 1. The proposed solution

The proposed solution is to create a website to provide the best user experience and comprehensive information for tourists, the site will be user-friendly and accessible.

* 1. Project Scope

Travel routes will be created using information collected by the system. Tourist events and culture will be added to the itineraries of the trip.

* 1. Constraints

Budgetary constraints and time frame for development.

* 1. List of Requirements

1. The system should provide comprehensive information on all destinations and tourism events in Jordan.
2. Make recommendations and proposed itineraries based on user preferences and other user data.
3. The system should create travel paths with recommended accommodation options and travel paths.
4. The platform should provide real-time weather updates in different tourist destinations.
5. Mobile and website applications should be developed through D
6. The platform should be usable on multiple platforms and device types.
7. The system should provide users with the necessary integration with measurement and analysis tools, which will allow data tracking, system growth and system performance measurement.
   1. Required Tools

a. " Programming languages: HTML5, CSS3, JavaScript, C#.

b. Integrated Development Environment (IDE): Visual Studio Code, Visual Studio 2022

c. database tools: SQL

d. Development Tools: Git, GitHub