Design Document Specification

TRAVEL ADVISOR WEB APPLICATION

version 1.0

creation date: 6-5-2019

Authors: Nesma Bahgat – Asmaa hamdy – maysoon maagdy – mahmoud yasser – esraa salah – sara sayed

2019

Table of Contents

**1 INTRODUCTION1**

**2 PURPOSE1**

**3 HIGH LEVEL DESIGN2**

3.1 SYSTEM ARCHITECTURE2

3.2 DESCRIPTION3

3.3 USE CASES3

**4 LOW LEVEL DESIGN2**

4.1 DETAILED DESIGN2

4.1.1 CLAS DIAGRAM2

4.1.2 DESCRIPTION3

4.2 DATA MODEL3

4.2.1 ERD3

4.2.2 MAPPING3

**5 USER INTERFACE2**

5.1 WIREFRAMES2

5.2 DESCRIPTION 2

5.3 CONSTRAINTS 2

1 introduction

This System Design Document has been created to outline the proposed system design for Travel Advisor Web Application (TAWA). TAWA is intended to provide the top traveler destinations to users and guide them through from the start to the end of the journey.

2 PURPOSE

The purpose of this System Design Document is to provide a description for how the TAWA will be constructed. The System Design document is created to ensure that the TAWA design meets the requirement specified in the TAWA project requirements documentation. The System Design Document provides a description of the system architecture, user interfaces, database design, detailed design and data models.

5 user interface

5.1 wireframes

5.2 Describtion

|  |  |
| --- | --- |
| ID | Description |
| TAWA\_WF\_01 | This is the Signup page, where users and admin can register to TAWA. |
| TAWA\_WF\_02 | This is the Login Page, where users and admins can login to TAWA. |
| TAWA\_WF\_03 | This is the Home Page, where users will be redirected to after logging in and users will land on a gallery photo shows the top traveler destination. |
| TAWA\_WF\_04 | This is the Journey Detailed page, where the user will find all information about the place he chose … |
| TAWA\_WF\_05 | This is the booking page, where users can book their flights. |
| TAWA\_WF\_06 | This is the feedback and rating page, where the user can write down his feedback and rate the journey to be shared with other travelers. |
| TAWA\_WF\_07 | This is the admin control page, where the admin can make his actions (add / delete users). |

5.3 CONSTRAINTS

|  |  |  |
| --- | --- | --- |
| ID | Field | Constraint |
| TAWA\_WF\_01 | Full Name | 1-Accepts characters and spaces only.  2-Max length is |
| User Name | 1-Accepts characters, numbers and special characters.  2-Shall be unique.  3-Max size is |
| Email |  |
| Phone | 1-Accepts numbers only.  2-Max size is 20. |
| Password | 1-Shall be complex (Upper case and lower case character, numbers and special characters).  2-Shall be masked.  3-Min size is 8 characters. |
| Confirm Password | 1-Shall be masked. |
| TAWA\_WF\_02 | User Name & Password | Mandatory fields. |
| TAWA\_WF\_03 |  |  |
| TAWA\_WF\_04 |  |  |
| TAWA\_WF\_05 |  |  |
| TAWA\_WF\_06 |  |  |
| TAWA\_WF\_07 |  |  |