Case Study: Traventure

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Figure 1: Traventue Logo

Abstract

The main idea of TraVenture's project is to make it easier for clients to know about all the trips and activities that are made by the agency upcoming and past and to be able to reserve it without having to wait for someone's answer and to also give the company the privilege of not needing to many employees for the phone calls which would make it easier in every way.

1 Project Description

1.1 Objectives

- 1. To facilitate the services the agency provides.
- 2. To provide full knowledge of the events.
- 3. To be usable and not complicated for the target audience.

1.2 Stakeholder

1.2.1 Internal

- 1. Omar El-Badry (Team Leader)
- 2. Ibrahim Fawzy
- 3. Karim Ali
- 4. Mohanad Ghozlan

1.2.2 External

- 1. University students.
- 2. People who are interested in traveling.

2 Similar Systems

2.1 Academic

There is a project has been made by a team in university of Nairobi their case study was AMBOSELI NATIONAL PARK that demonstrates the importance of tourist system. A topographic map and other data from KWS have been used in this study to create a geodatabase and a digital map of the Park using GIS software. Features were digitized on the scanned map and other data in form of shape files added as overlays. An attribute table was created to link the spatial data with their characteristics in order to provide more information for analysis. The problems that faced the project was Difficulties in updating existing graphical tourist guides and maps, Lack of digital information for tourism facilities and destinations, Lack of comprehensive information based on the internet and Inadequate analysis of the state's tourism. So they start to set their objective that was to create a digital map of Amboseli National Park with information on the available park facilities as well as features and sites of tourist appeal. Their research is limited to the area covered by Amboseli National Park and a buffer distance of 1.3 kilometers from the external bounds of the park, This is the area that lies approximately between the latitudes of 020 30S and 020 45S and longitudes of 370 05E and 370 25E and their data were collected by using a GPS receiver . they have chosen to use a lot like ArcView 3.2 for changing the projection of the shape files to the preferred projection, Global Mapper 11 was used to georeference and geocode the topographic sheet, ArcGIS 10 [1]

2.2 Business Application

Available business application in the market there is a site called "tripadvisor.com", by using this website you can choose to get suggestion about what you can do in a chosen city and it will appear all activities available with their prices, a short brief about it, and some photos of the place. also there is "gazef group" by using there website they show you all upcoming trips available by the company with all the details needed for each trip

3 Client and Users Interviews

3.0.1 What their problem is with the reservations?

- 1. They always have to make a call
- 2. They must wait for someone to answer
- 3. They can't find the trip programs in an easy way

3.0.2 What we need to improve?

- 1. Minimize the need for phone calls
- 2. Faster and Easier way
- 3. Make everything clearer

4 PACT Analysis

4.1 Personnas

4.1.1 System users

- 1. University students.
- 2. People who are interested in traveling.
- 3. New grads and young workers

4.1.2 Examples

- 1. Name: Ahmed, Age: 22, Gender: Male, Details: Senior student, Frustrations: He uses the website when he travels around egypt to have a specific program to discover all the cities that he visits.
- 2. Name: Nada, Age: 30, Gender: female, Details: Entrepreneur, Frustrations: she uses the system as a tour-guide to help her to get the most of her vacation.

4.2 Task Analysis

- 1. Sign-up.
- 2. sign-in.
- 3. check Offers.
- 4. user profile.

5 Story board and Scenarios

5.1 Scenario 1

- 1. Open the website
- 2. Enter the Sign up page and sign up
- 3. Return to homepage
- 4. Enter username and password
- 5. Choose trips
- 6. Choose the trip he wants
- 7. Enter the program page
- 8. Choose to make a reservation
- 9. Payment website

6 sketches and WireFrames

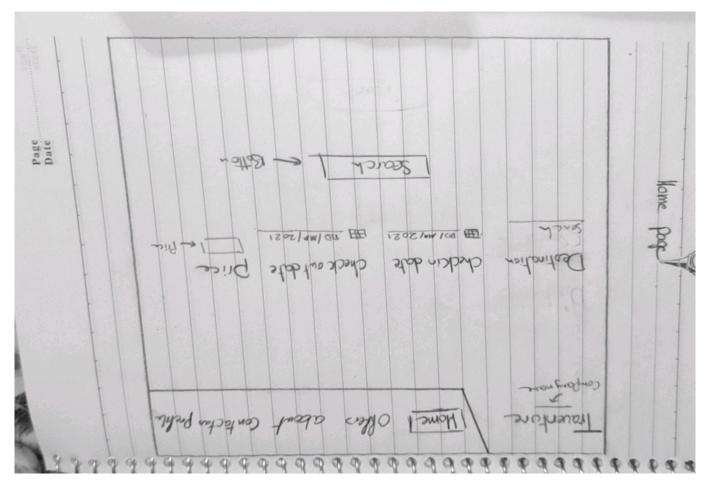


Figure 2: home page sketch

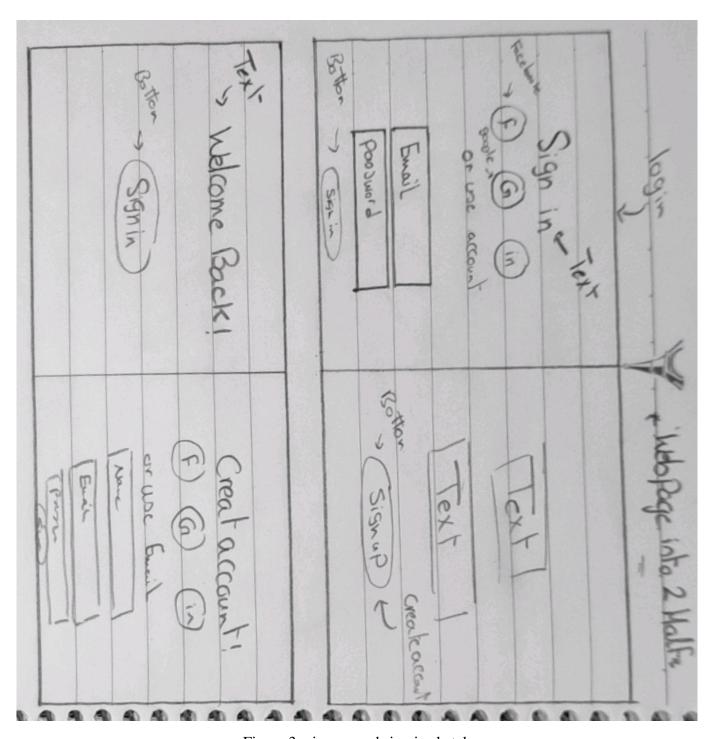


Figure 3: sign up and sign in sketch

7 Individual Contributions

References

[1] Mr. Mutero J. Mwenda and Mr. Hongo. Role of geoinformation in enhancing tourism in national parks case study: Amboseli national park. *Department of Geospatial and Space Technology*, 2008.

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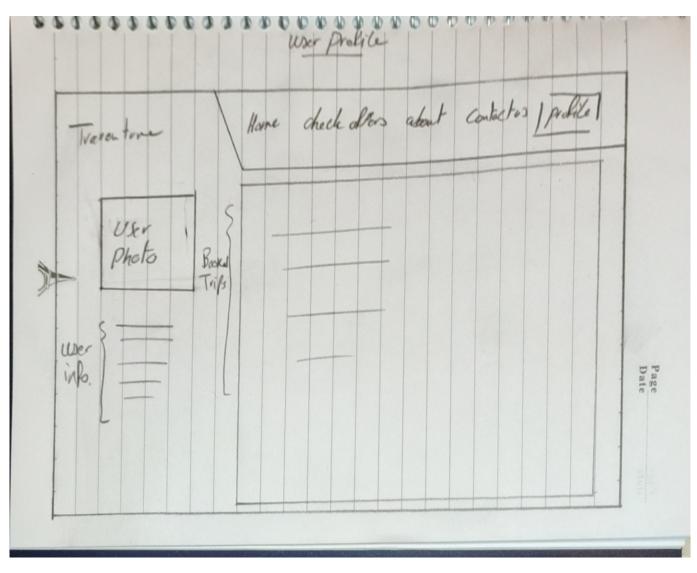


Figure 5: user profile sketch

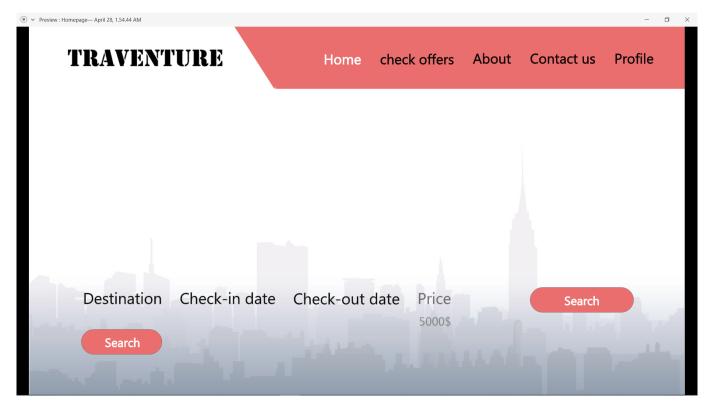


Figure 6: Home page

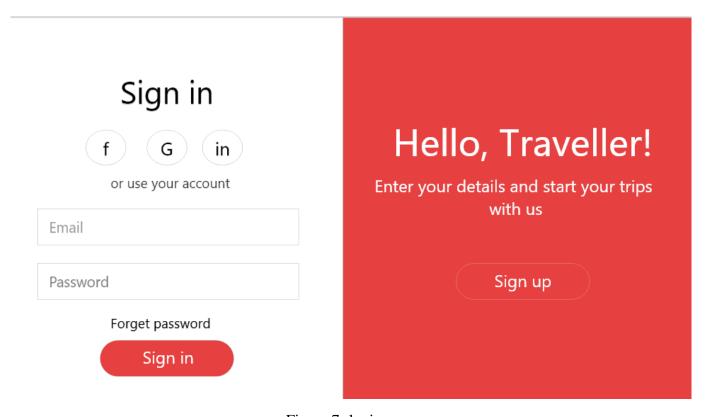


Figure 7: login page

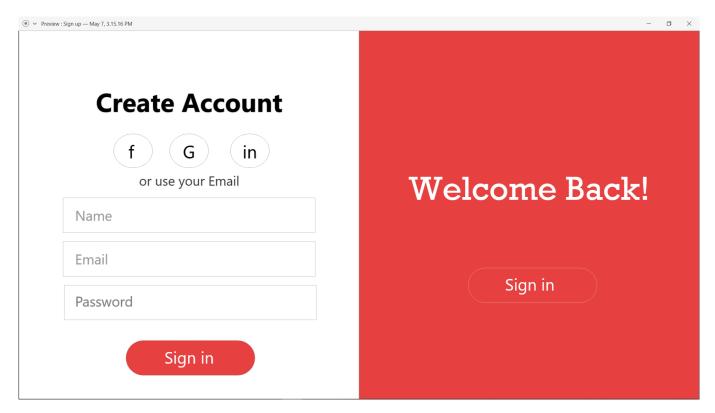


Figure 8: Sign up page

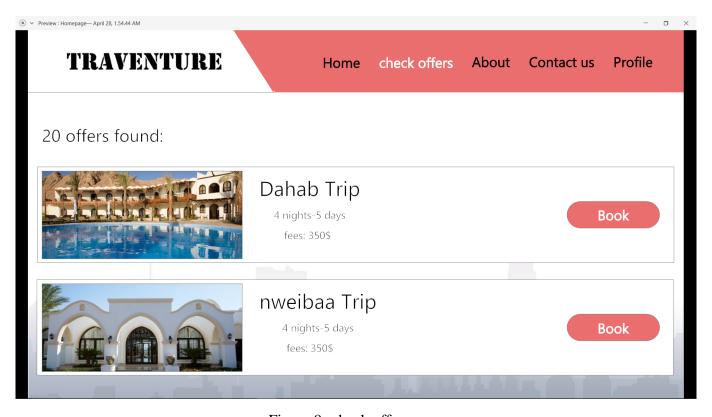


Figure 9: check offers page

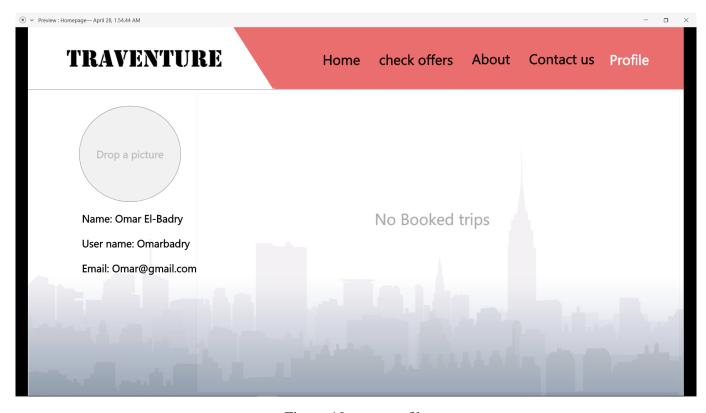


Figure 10: user profile