

Your tour



SRS

Introduced by SE2018G08

Version	Written by	Reviewed by	Approved by	Date
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1. Introduction:

Executive Summary

You Tour is a website which works like a platform for a number of tourism companies to offer their trips which are varying in cost & duration so that the customers will always find an offer satisfies their needs, the website also provides different ways of filtration to make it more easier for customers to get their point and many other user friendly functions.

Document Overview

This SRS document focuses on describing the software requirements of You Tour website, The document focuses on system description, system users, system modules, all the functional, nonfunctional requirements and system interfaces.

Abbreviations and Terminologies

SRS	Software requirement specifications
GUI	Graphical user interface

2. System description:

Introduction:

About:

You tour is a system that provides various offers for different travel agencies and tourism companies. The main idea behind the system is instead of browsing the packages and offers of just one travelling agency, the user will have the opportunity to go through a larger number of offers without the effort of going into each company's website. It offers a large number of trips that varies in destinations, hotels with different rates and the duration time, so users can decide where to spend their holidays. The site will provide different ways of filtration to make it easier for users to find what they are looking for .You tour also makes communication with different agencies become easier by providing their contacts (number, address, websites, and email).

Product functionalities:

Search and filter:

The user can search and filter through all the offers to +

System development:

Architecture:

This website application will be built using Html, css, bootstrap and java script for front end development (anything the user can watch or deal with)and the frame work django for the back end development(any action will be taken by the user like login ,search, etc...).

Users:

Admin : someone who controls and manage all the system.

User : someone who can operate the website.

Customer: a registered user as a customer.

Company: a registered user as a company.

3. System users:

Admin	<ul style="list-style-type: none">-add new user-edit or delete any user info-add/edit/delete any trip
User	He/she can browse the website,view the different offers and feedbacks and get any company contacts.
Customer	He/she can make an account which allows him/her to reserve a trip or more,organize his/her trips plan and time table and rate the web site,the trip and the tourism company.
Company	<p>Each company can make an account which allowing it</p> <ul style="list-style-type: none">- add its contacts.-add its trips description, cost, add time table.-get a list of the customers who reserve a trip.

4. System Modules:

- **4.1. Registration module:**

This module is responsible for user registration to your Tour website.

It contains three functions: Register, Log in and Log out.

- **4.2. Search module:**

This module is responsible for providing the user various ways to filter the offers to find the suitable offer(s) for him/her.

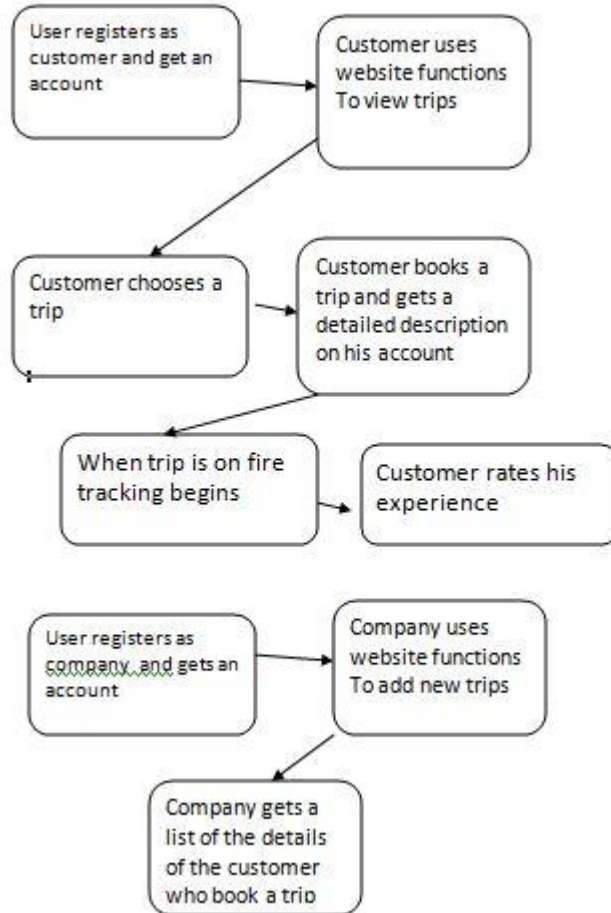
It contains four functions: Search, cost filter, destination filter and date filter.

- **4.3. Track module:**

This module is responsible for allowing the user to keep in touch with trip current state and announcements.

It contains one function: tracking the trip.

Data flow Daigram



4. System Functions:

4.1.

Name	Register	
Actors	User (company/customer)	
Precondition	Open web site "You tour " If person does not have an account he will sign up in first page in web site.	
Post condition	Actors	System response
	-You can log in as a user in a web site And you will enter to your home page as a user you select "customer, company". -User is unable to sign up for one or more reason like data is not correct.	-The system is successful The system is failure-
Steps	Actors	System response
	-User select option to register -User enter data to sign up(first name , , password ,email) -Submit register button	-The system prompts user for registration new account -System creates account
Alternative	If you have an account you can log in.	

Description	The user have to fill the required data (firstname, last-name,email, password and other data).
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4.2.

Name	Log in	
Actors	User (admin ,company,customer)	
Precondition	If user has an account by signing up, he will log in with his (Email, password).	
Post condition	Actors	System response
	-User will enter to your home page. -You can do available works in your page. -If user not authenticated	-The system is successful -The system is failure
Steps	Actors	System response
	-User enter email and password -Click on login button	-The system validates the entered email and password ,making sure his data is valid -The system direct to home page
Alternative	Actors	System response

	<p>-If you forget your password you will enter "forget password button"</p>	<p>-The system describe why user failed authentication</p> <p>-The system prompts the user to reenter valid data</p>
Description	<p>If the customer need to view his trips or the company need to add ,edit ,...etc they have to login to enter to your account. If email or password is not correct, a warning message will be shown "Email or Password is not correct".</p>	

4.3.

Name	Log out	
Actors	User (admin,company,customer)	
Precondition	None	
Post condition	You will back to first page in web site and if you want to enter to your page again log in .	
steps	Actors	System response

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	User click on log out button	the system send message if user want to save changes
Alternative	None	
Description	When clicking on log out, it will log out the user from the site. If you want to finish your works on web site click on log out.	

4.4.

Name	Tracking the trip
Description	In order to keep the website in touch with customer The customer profile will allow the customer know where the rest of the group and it will send notifications to alarm the customers when an event is about to end .

4.5.

Name	search
Description	The website allows the user to search by the trip name or destination.
Inputs	text of the name or the destination
Outputs	The trips which match the input.
Pre-conditions	The user isn't allowed to enter numbers or symbols.

4.6.

Name	Cost filter
Description	the website allows the user to enter the max cost he/she can afford and it will view all the trips which cost are lower than or equal the input
Inputs	numbers

Outputs	trips which match the input cost .
Pre-conditions	the user isn't allowed to enter any text or symbols.

4.7.

Name	Destination filter
Description	the website allows the user to search by the trip destination.
Inputs	text
Outputs	the trips which match the input .
Pre-conditions	The user isn't allowed to enter numbers or symbols.

4.8.

Name	Destination filter
Description	the website allows the user to search by the trip destination.
Inputs	text
Outputs	the trips which match the input .
Pre-conditions	The user isn't allowed to enter numbers or symbols.

4.9.

Name	Date filter
Description	. the website allows the user to enter the date in this format dd/mm/yy to dd/mm/yy
Inputs	numbers
Outputs	the trips which date is between the selected interval
Pre-conditions	The user isn't allowed to enter text or symbols.

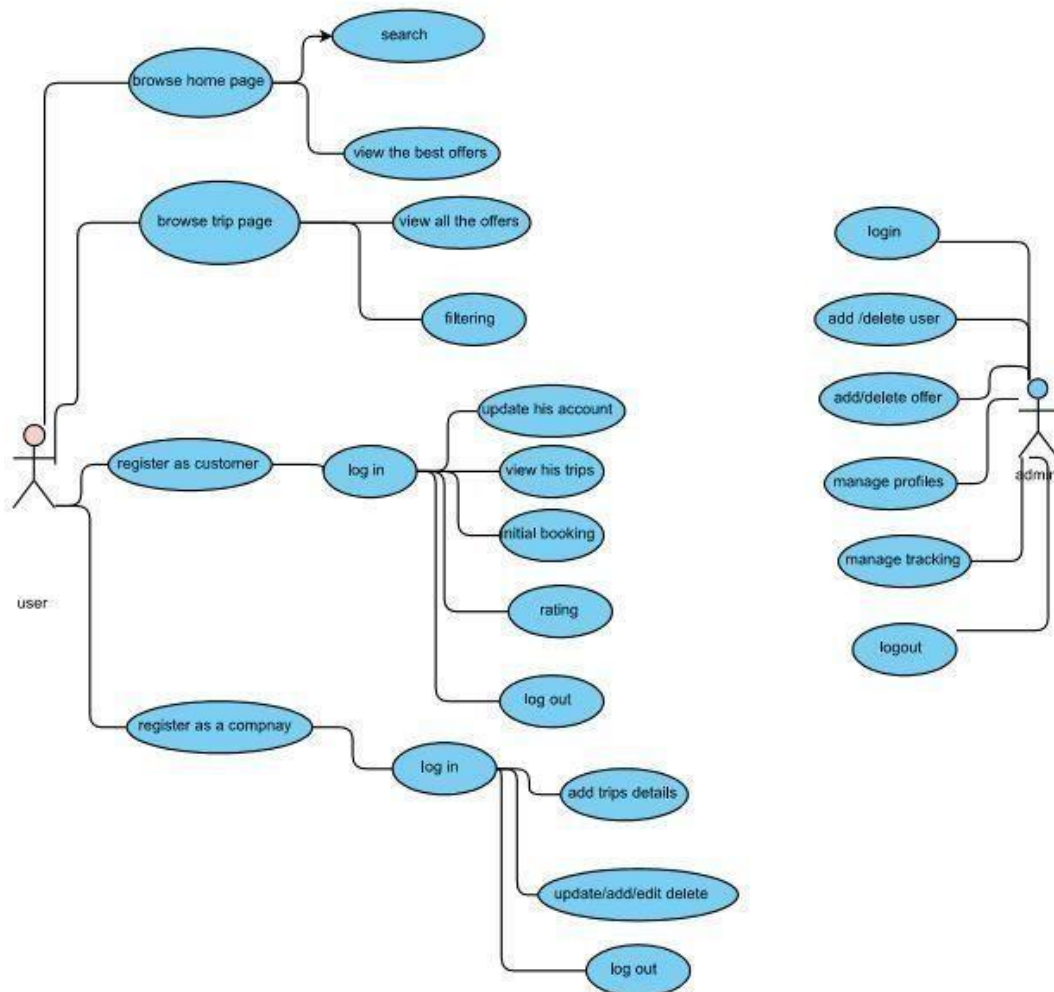
Name	Rating
Description	. the website allows the customer to rate his experience in this form * acceptable ** good *** very good **** excellent
Inputs	Clicks on the stars shapes

5. System models:

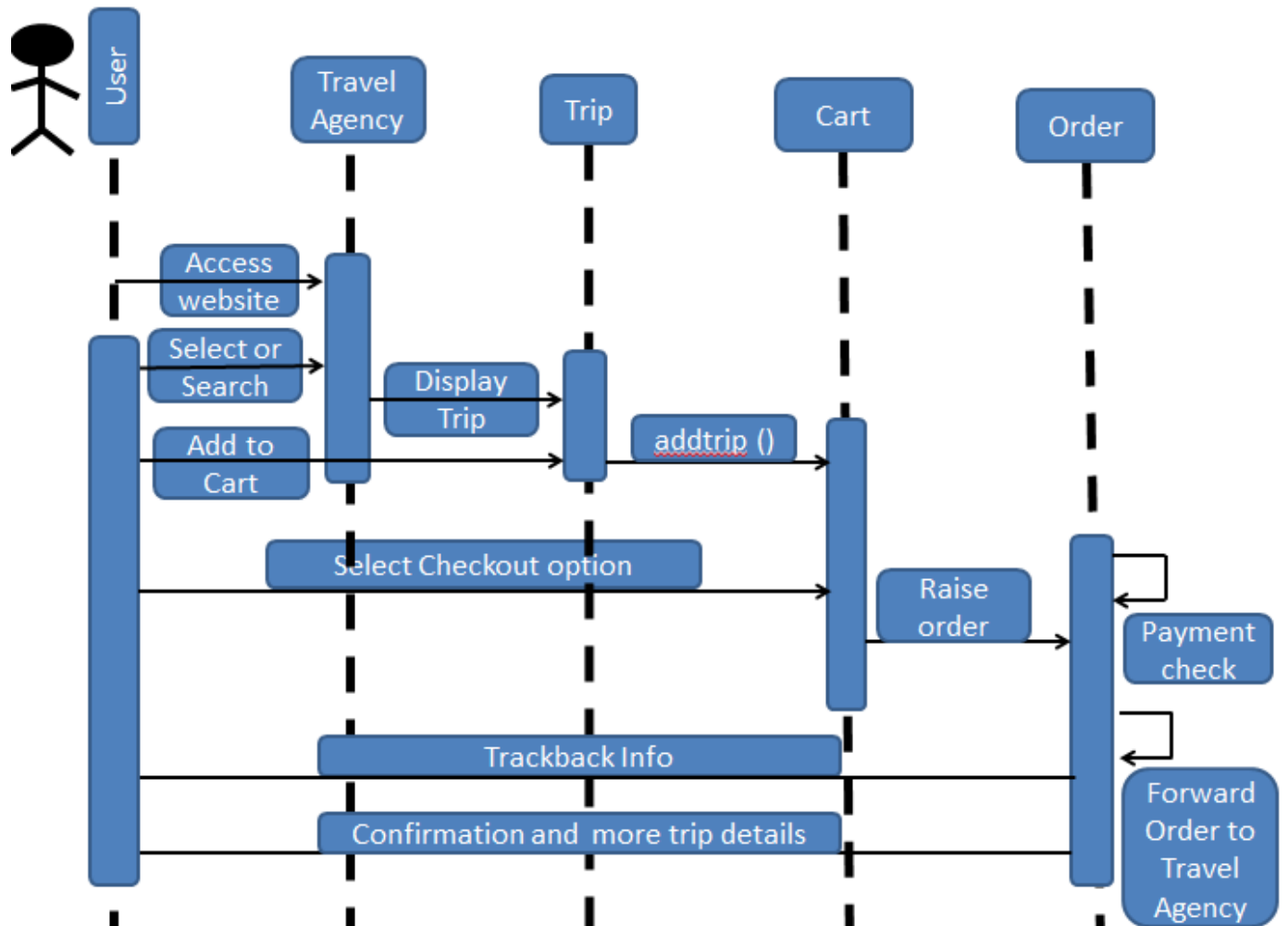
5.1. User and administrator use case

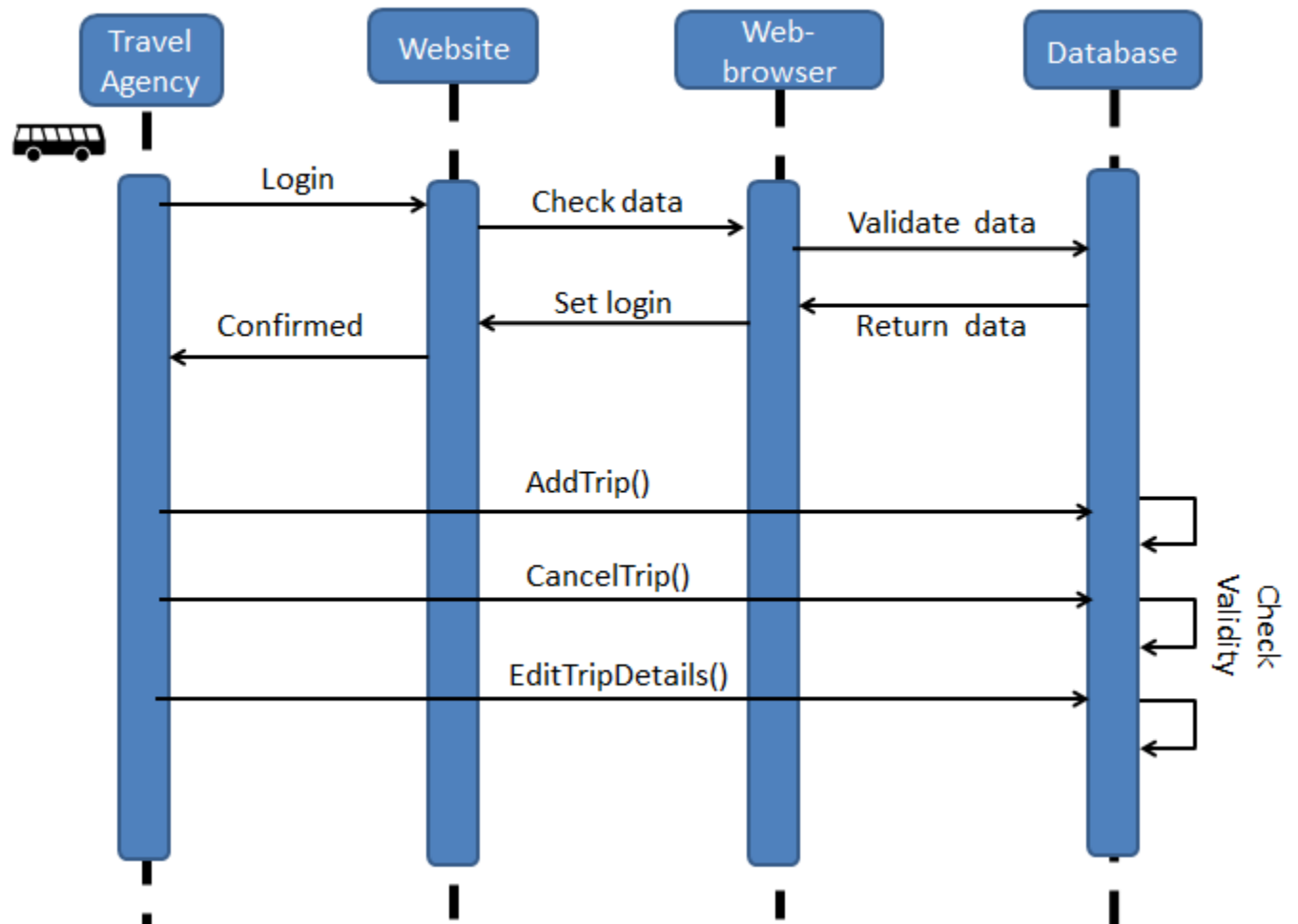
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Preview



5.2. system sequence diagram





6. Nonfunctional Requirements:

Performance:

The system shall respond to the member in a short time.

The system shall be allowed to take more time when doing large processing jobs.

Security:

The system will be reliable.

System will have different type of users and every user has access constraints.

After entering the password the user can access his profile.

The details of the user will be safe and secure.

Availability:

The system is available for the user at any time.

Accuracy:

The requirement and the system will be clear enough and more accurate with every process will be done on the system.

If unable to process the request then appropriate error message.

Usability:

The system is user friendly and online help makes using the system easy Reliability.

The system will be protected well from failure and there will be a strategy for error detection and correction.

7. Domain requirements:

There are some places can't be visited at any time of year. There are specific times at which you can launch a trip for, these places just like Luxor and Aswan, it is better for you as a tourist to visit them in the winter not in the summer as it is too hot in these places in summer which can affect the fun of the trip badly.

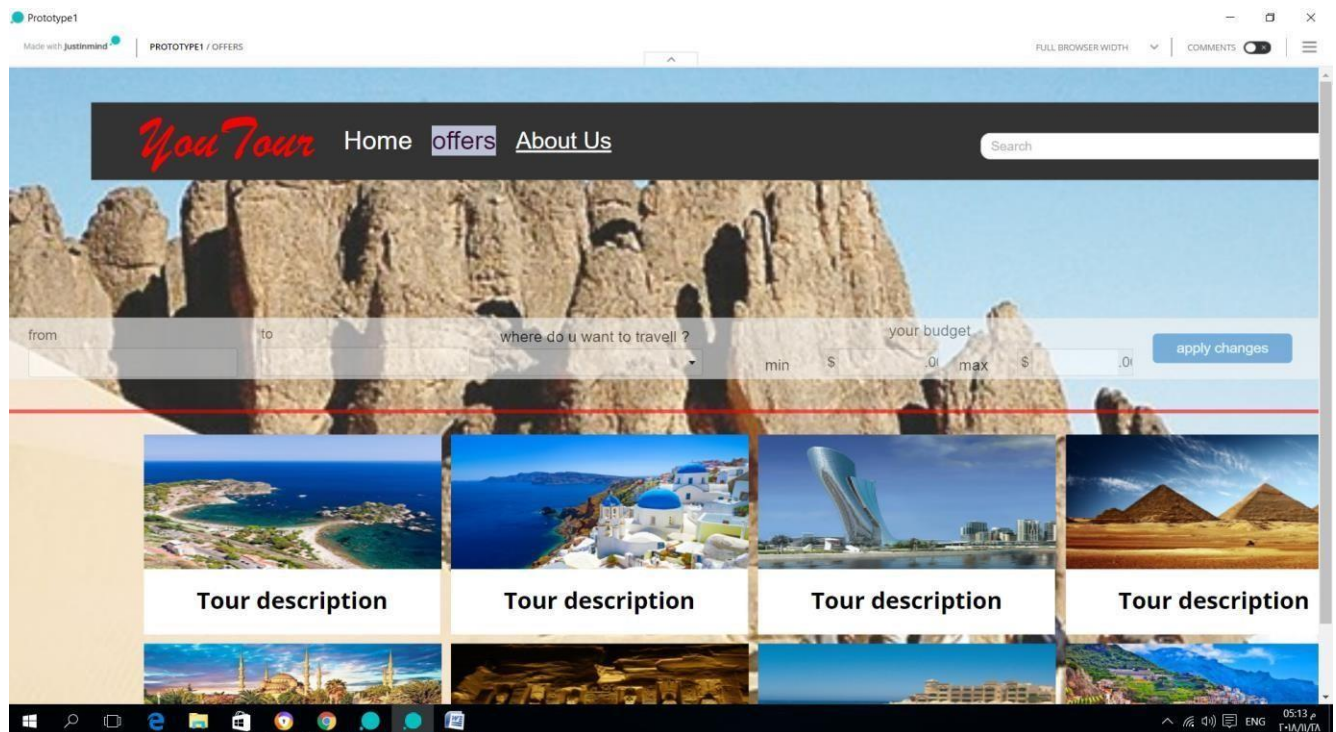
There are also some places can't be visited at any time of the day as they have specific times after which these places are closed just like museums , they are always closed early, around at 5pm.

For camping also there are some dangerous places, for example not everywhere in saint catherine you can camp in there some places which are not prepared and have no signal so it is a risk to camp in such places.

8. System interface:

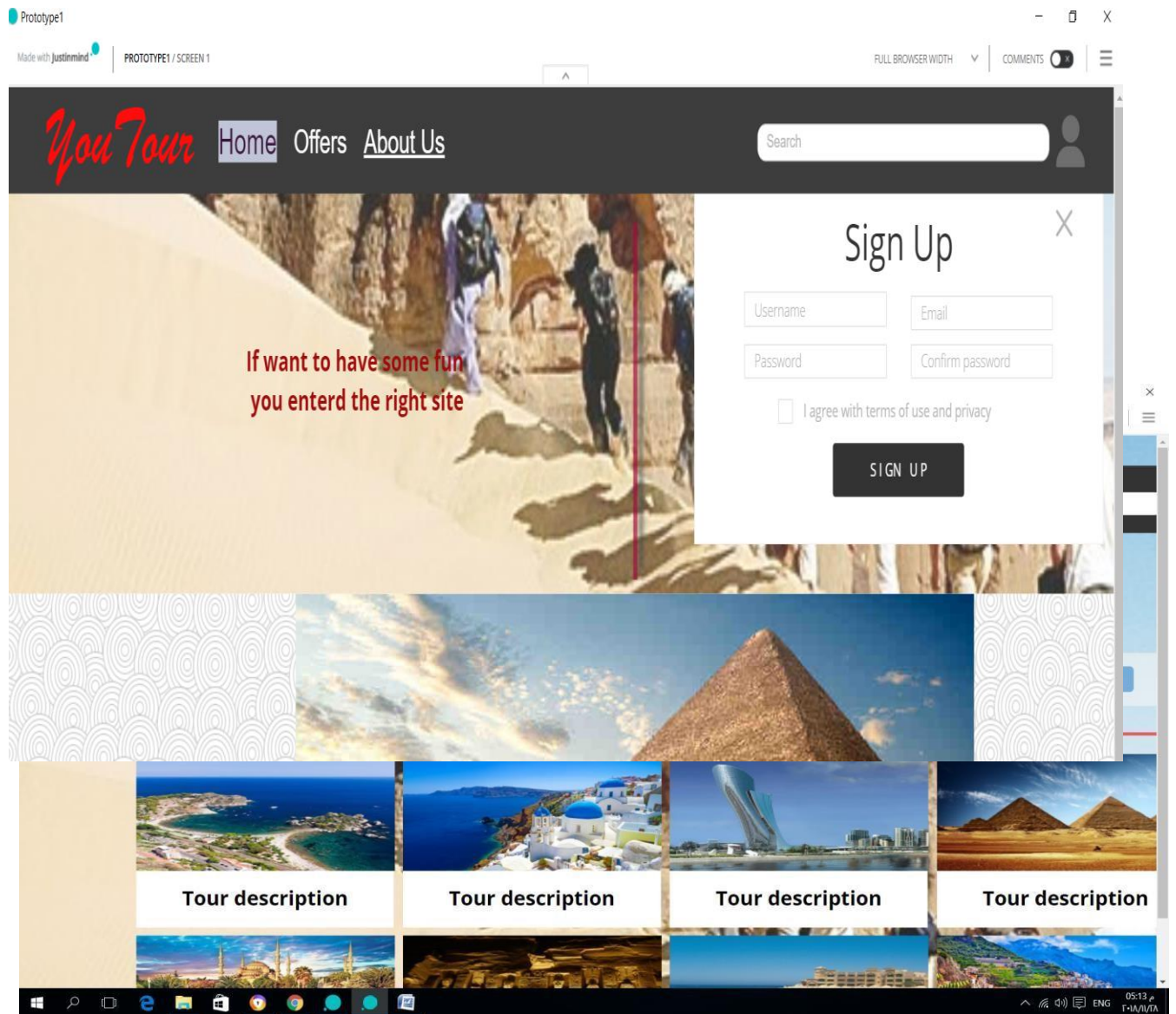
8.1. User interface:

1. customer can see offers , rate for trips , search for the trips according to the appropriate cost and duration for him

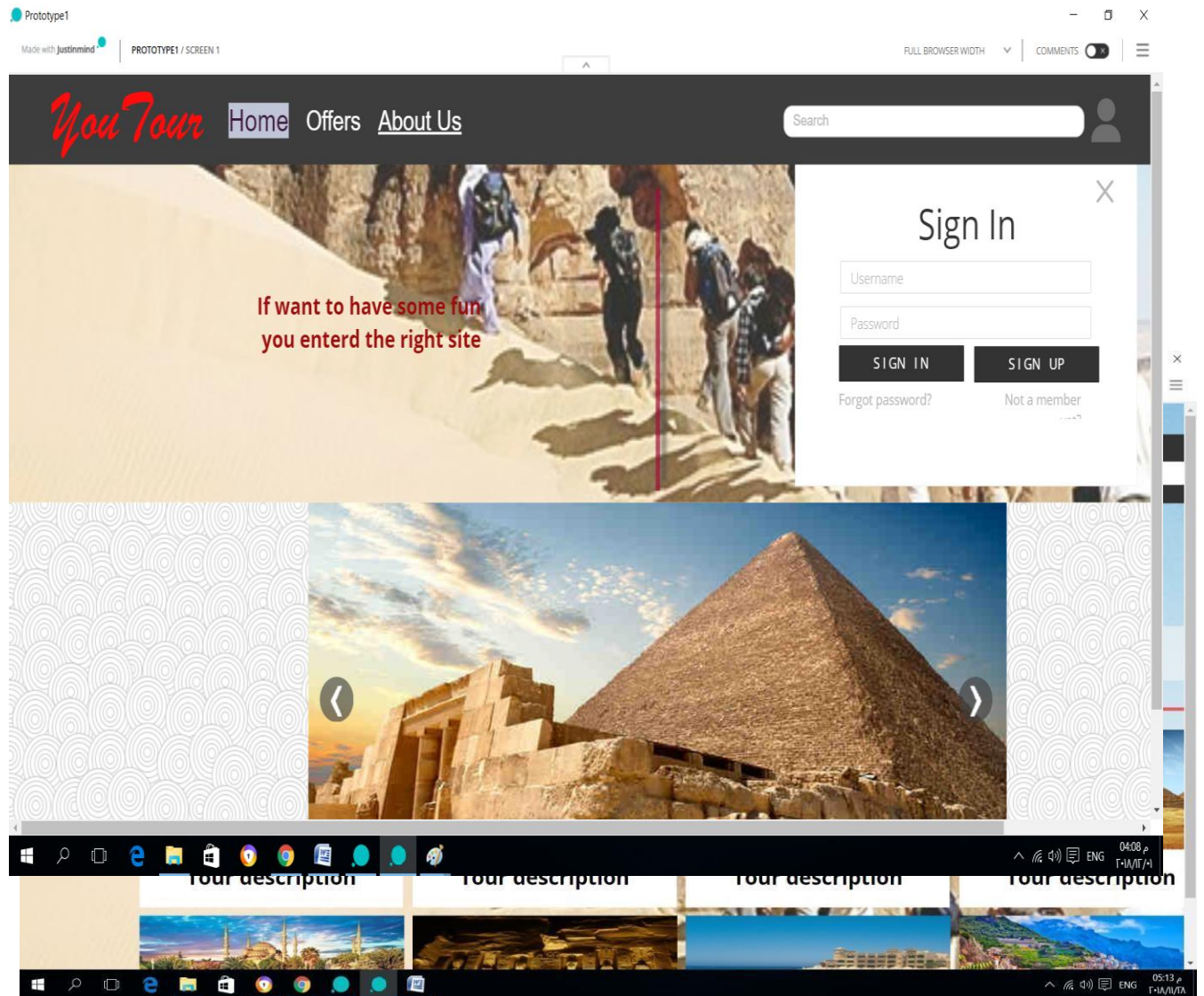


2.customer can make an account by signing up then logging in which manages him of rating trips , making initial booking and viewing the trips he has chosen.

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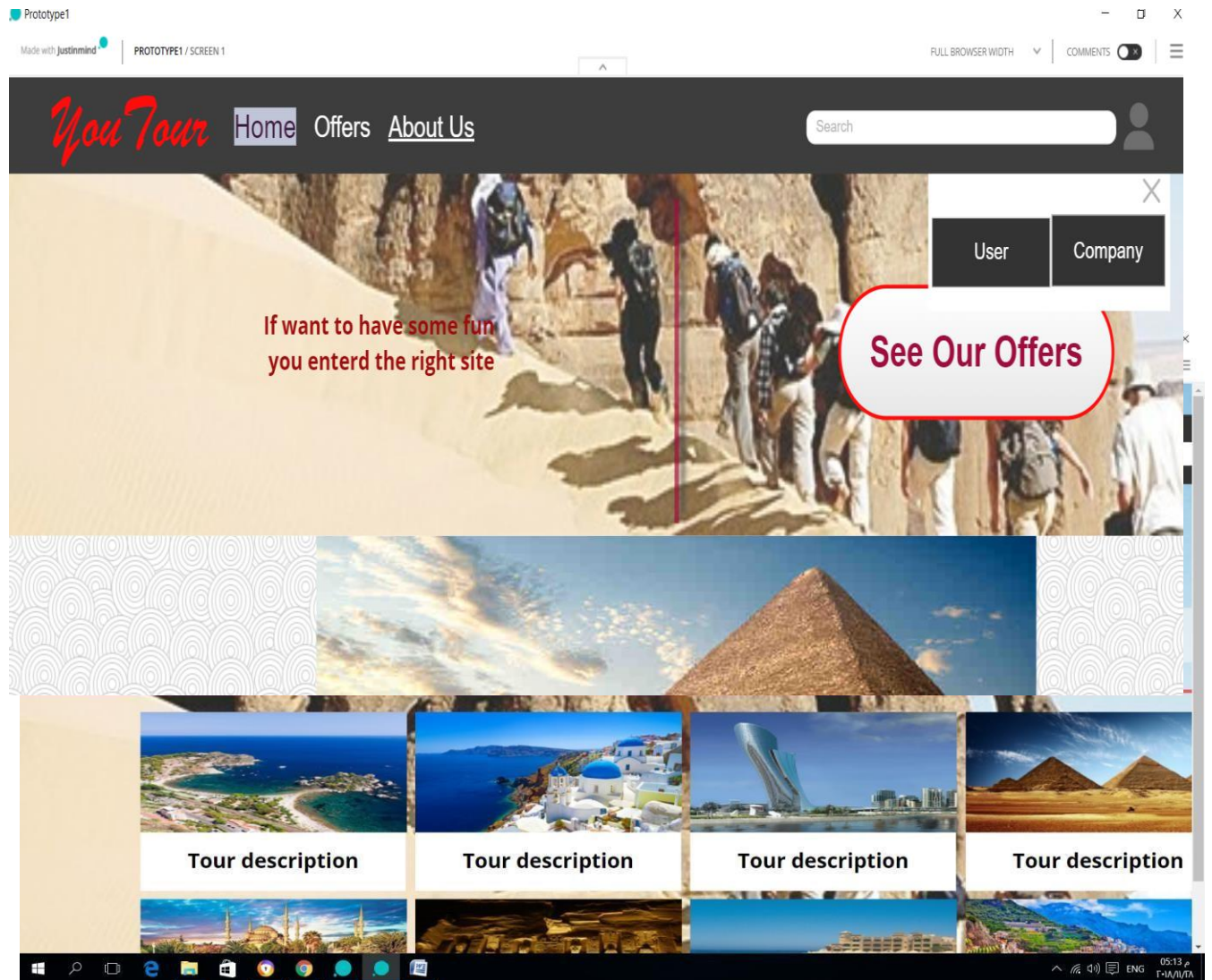


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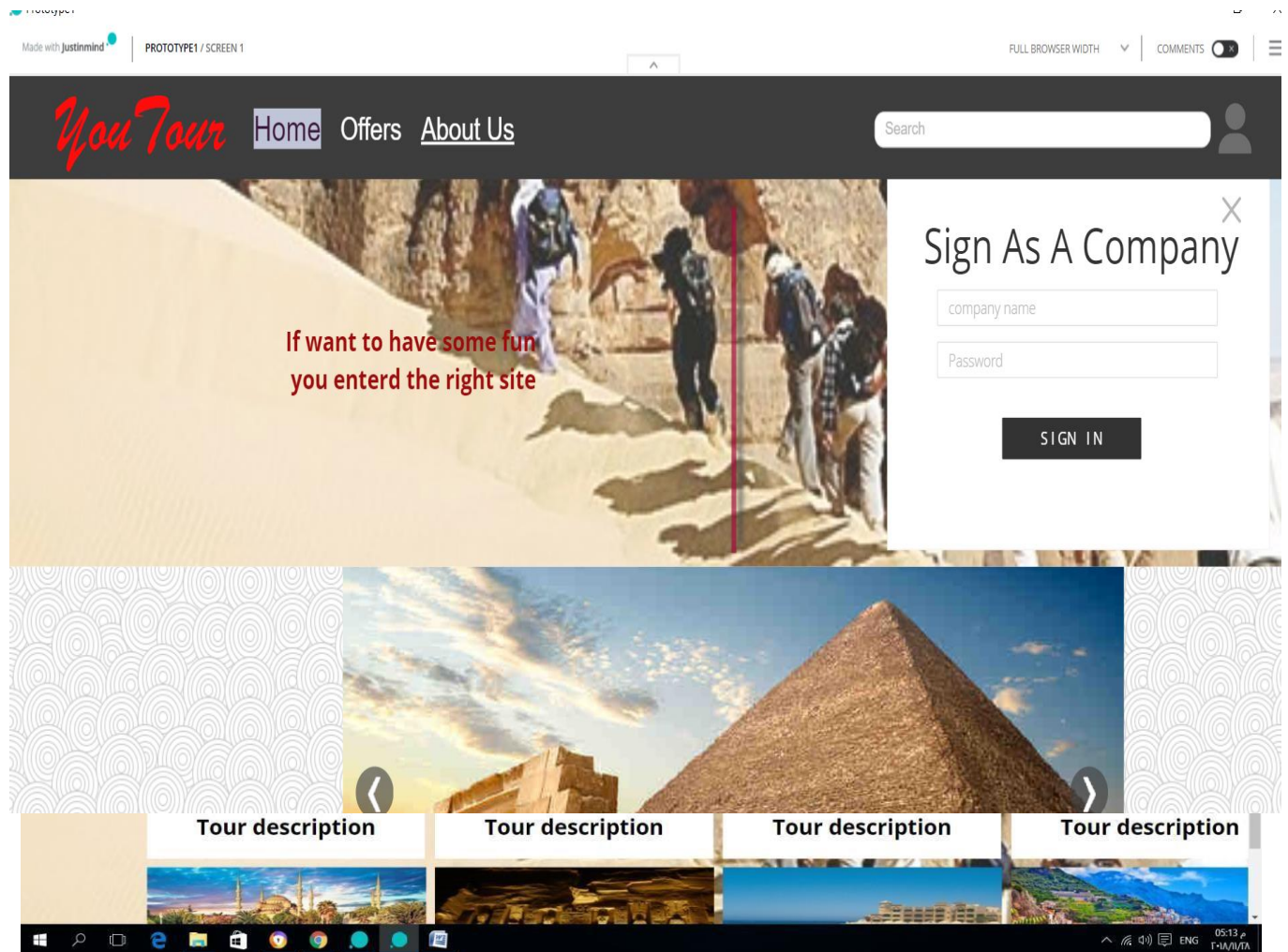


3.Also we have another users who are the companies they can add details for trips , update , edit or delete a trip through their accounts.

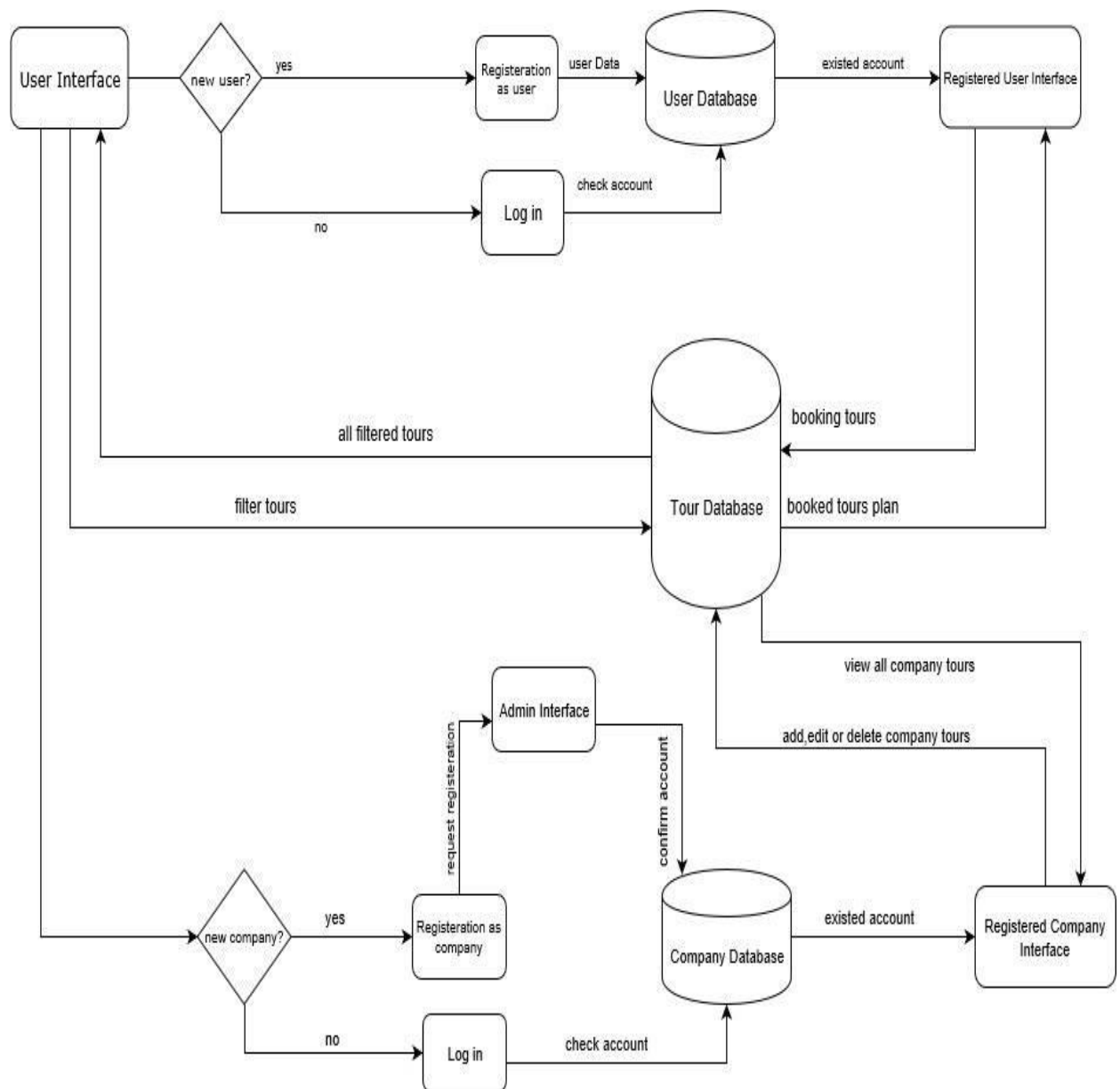
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8.2. communication interface:



8.3. hardware interface:

No hardware in this project

