

# Quest

## PROJECT PROPOSAL



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Ain Shams University | Faculty of Engineering | CESS

### Proposed by:

Ahmed Akram Mohamed 19P4777

Ahmed Amr Elgayar 19P8349

Nada Amr Attia Abd Elhamed 19P1621

A'laa Mohamed Hamdy 19p6621

Anas Salah Abdelrazek 19P9033

Mohamed Saber Mohamed 19P9544

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## Project Name:

Quest shortens your search process for a place to hang out in Egypt. Instead of going to the same place every weekend or doing the same activity every time with your friends Quest will be your online guide recommending to-go-to places with all the details you need. Quest will save your time and also, will be the reason behind all the fun. Quest is a journey towards happiness and fun.

## Project Description:

Quest is a website made for anyone looking to have fun in Egypt, wherever the place is. Quest will help its users find restaurants, activity places, historical places according to your preference of place, and also will be their guide when they want to go on a trip all over Egypt. Quest will provide the user with all the main entertainment places in every spot in the capital , whether they want a dine-in restaurant , a place to do an activity such as escape rooms in the area you chose. The website will help local businesses to be known much more in the country; it works as a marketing agency for local businesses and fun-saver to its users. Quest will provide its users with trips all over the governorates of the country, giving them all the information, they need about hotels, activities, and the historical places to visit while going on a trip. Also, it's the best for foreigners coming to Egypt, as they will be able to request a tour guide to aid them while going on a trip or visiting historical places of Egypt to make their experience easy, enjoyable, comfortable and full of fun. Also, the user doesn't need to worry about the transportation to go on a trip ,wherever the place is; Quest will provide all means of transportation whatever you're a group of people or only one person. Also, car renting agencies will offer the website some promotions and discounts for its users and so the users they can request to rent a private car as a way of transportation to go wherever they want to in Egypt that they might not be able to reach easily with other transportation means. To pay the services the user can choose between paying by Credit or Debit Card or Cash through Fawry/Vodafone Cash.

## Target Beneficiaries of the project:

- 1) Egyptians: We all get bored of the places we usually visit or go to , so to break the boredom we need a website that recommends places to visit and have fun at while getting offers from restaurants and much more. They will also benefit from the transportation ease since the website will ease away all the transportation obstacles to be able to go anywhere.
- 2) Tourists: Foreigners from all over the world visit Egypt to explore its historical places as well as to experience the city life of Egypt. Quest will be their trip advisor throughout their stay.
- 3) Local businesses: they will be able to reach a larger audience and therefore they will get more and more customers, and so they will rise and be well-known for their great service, by requesting to advertise on the website
- 4) The country: all historical places of Egypt will be on the website and so more people are likely to visit those places thus increasing tourism in the country which will help in the country's economy.

## Programming Languages:

- JavaScript
- Hypertext Markup Language (HTML)
- Cascading Style Sheets (CSS)
- Bootstrap Library

Bear in mind that this list is subjective to be changed any time along the duration of the project.

## Other Recourses Needed

### Database

In our project we may often rely on collecting or storing data and retrieving it to the user such as name, age, nationality ,preference of place so it may require a good database representation. Database is a schematic collection of data. Since the data is organized it makes data management is easier. There are different database modeling techniques as the following

- Oracle database
- MYSQL
- SQL Server
- PostgreSQL
- Sybase

### Why to Use Database

- Control access for specialized ones
- Locking mechanisms to limit access to data till updating the new information is submitted.

- For more secure data

## Who Uses Database

- Electricity service provider use DBMS to manage billing, client related issues, to handle default data.
- Banks to store client's information □ Social media

## Case Tools

CASE (computer aided software engineering) Tools are a set of software application programs used to automate and test SDLC activities (Software development lifecycle) and develop software system.

It accelerates the development of project to produce desired results and help to uncover flaws before moving to a next stage.

- *Upper CASE Tools* - Upper CASE tools are used in planning, analysis and design stages of SDLC.
- *Lower CASE Tools* - Lower CASE tools are used in implementation, testing and maintenance.

## Types of Tools

- Web development tools as Fontello, Adobe Edge inspect, foundation 3, brackets
- Process modeling tools as EPF composer
- Project management tools as Creative Pro Office, Trac Project, Basecamp.
- Documentation tools as Doxygen, DrExplain, Adobe Robohelp
- Analysis tools Accept 360, Accompa, CaseComplete for requirement analysis, Visible Analyst for total analysis. □ Diagram tools

## Appendices

- 1) Information of users and local businesses in any form will remain confidential..
- 2) Local businesses will request the website to market their businesses and also offer them discounts
- 3) The website will not view any of the users' previous/upcoming trips to any other users.
- 4) The website is independent of the Ministry of Tourism. Nevertheless, it has to respect all the laws .
- 5) The website will be an intermediate between car renting agencies and the user.