

## An Information portal for the visited places using Google Map

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### ABSTRACT

*The project is based on Google Map is formally known as Google Local, which is a Web mapping service application and technology provides by Google. The fundamental objective of this project is to plan an actual tour and to provide the best route and pictures of the place's tourists are willing to visit. It includes the information about the places and snaps taken, but the people who had visited the places and they can also mark on Google maps. It will help other people to get information about places which they are planning their visit. Secondly, People will come to know that what other people have experience by visiting. This is a development of community portal where everyone can be registered and upload data and share their experience and views on their tour in everywhere on Pakistan. This portal will not only be available to the general audience who are fond of tourism, but some people who want a guideline for planning their tour. Our portal will provide proper information about travel sites anywhere in Pakistan. To provide good plate form to the people who want to have a tour historical sites and share their experience with other people a complete guidance providing outlook has been developed where everyone can register for free and share their experience along with their pictures this web based portal is design for the places in Pakistan but with proper assistance and support, it can be deployed for any part of the world which will enhance to for global usage. Thought this community portal, we can also visit such undiscovered places which are still unknown by tourists and where Government of Pakistan should arrange a proper advertisement so that tourist lovers would know.*

**Keywords**—Google Map, information, portal, places, and GIS

### 1. Introduction

Today, regardless of what people area unit longing for, they're looking for it on the web. Not with the phone book. Not with the newspaper, but Online. If you want to reach the largest market for product or service and capitalize on your biggest opportunity, you need to be online. Our web Site Present or Offer Online Virtual Tour of different Points of Special Inters and Real Time Journeys on Top of Google Maps. Our site is one wherein a user be a member

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of our community portal and feel free to free visit and learn a bit about our Site and is allowed to Add Own Virtual Tour in Our Site And Share Our Journeys experience With us Visit our Online Tours anytime, and stay as long as you like About Google Maps Our Project is basis on Google Maps formerly Google Local is a web mapping service application and technology provided by Google, free for non-commercial use, that powers many map-based services, including the Google Maps website, Google Ride Finder, Google Transit, and maps embedded on third-party websites via the Google Maps API. So, by using the online site, we have promoted Pakistan through all over the world.

### *1.2 Objectives of Application*

A general purpose of designing Virtual Tour Portal is that we want to support Pakistan. Online website produce lot of facilitates to users during Online Tour. Hundreds of places are there in Pakistan which still undiscovered, or only a few people visit them. The secondary purpose to develop such a portal is to enhance tourism at by undiscovered those places at a large scale so that citizens across the world who are Planning to have a tour in Pakistan can be helped. This will not only promote our tourism but also give us chances for better impression about our country.

Following aspects are covered in this project:

- Facilitate users to take a tour of any place and give comments about the trip.
- Users can also launch the tour at our site by registering.
- The virtual tour is like having a 24/7 open hours.
- We have kept the client registration very secure and produce high security from Internet hackers.
- User get informed by Email when new Tour is Added.

### *1.3 Project Description*

This Project is implemented in other online websites which are powerful technology used for different purposes. The interface of this project is designed using HTML, CSS front end, ASP.NET, SQL server2010 and C#.NET are utilized in the back end of the project this project provides many features to facilitate users to visit the online shops. In this project, there are two major parts client and server. When a client writes URL of any website, then web server is responsible for accepting the request of the customer and give them reply for visiting the site. If any user wants to have the tour, then the client must fill the registration form and then send to the web server for registration.

- The users can perform following operations:
- The first user can visit tours

- If a user is an already member, so he/she needs to give his/her username and password, then he can view his/her session or if he/she is a new customer so he/she needs to fill membership form.
- Find tours by category
- Can also give comments and add new tour.

#### *1.4 The tools and Techniques*

The C#.NET is a very modern programming language that provides a different kind of functions that other languages don't have while it's also very powerful language. There are many programming and the security reasons that's why we have decided to program parts of the project in C#.net.

As our project is entirely based on the web that's why we have used ASP.NET there are many flexible functions and the web developing procedures present in it, which can save our time Any website must have a very attractive Frontend Design we have used HTML4.0 for as Markup language and with CSS for it designing.

JavaScript is a very popular client side scripting language we have used JavaScript in our site for different applications, such as validations, animations, CSS controlling. In Database designing, we have used the SQL server 2008 instead of Ms. Access or other programs because of the important security reasons of the SQL server 2008. The Google Maps Javascript API lets you embed Google Maps in your web pages.

## **2.History and background**

The World Wide Web ("www" or just the "Web") may be a system of interlinked, hypertext documents that runs over the internet. With a Web browser, a user views Web pages that will contain text, images, and other transmission and navigates between them victimization hyperlinks. The Web was created around 1990 by the Englishman Tim Berners-Lee acting at CERN in Geneva, Switzerland. As its inventor, Berners-Lee conceived the internet to be the linguistics internet wherever all its contents ought to be descriptively foul.

In the 1960's, Ted full admiral popularized the machine-readable text thought, and Douglas Engelbart developed the initial operating systems. In the 1980's, the web as we all know it was developed in Europe by Tim Berners-Lee and parliamentarian Cailliau, and then rapidly unfold around the world over the internet within the 1990's by Brandy Andreessen and the NCSA team that developed the Mosaic and web browser browsers. The following pages provide additional information:

- Ted Nelson Discovers Hypertext
- Douglas Engelbart Develops the Mouse, GUI, and First Hypertext System

- Tim Berners-Lee, Robert Cailliau, and the World Wide Web
- Stanford Linear Accelerator Center (SLAG) Establishes First N.A. Web Site
- Mosaic -- The First Global Web Browser
- Netscape -- The First Commercial Web Browser
- Online Service Rush to The Web
- World Wide Web Consortium (W3C)
- Web Browser History
- History of Hypertext Systems.

The current incompatibilities of the platforms and tools make it impossible to access existing information through a common interface, leading to waste of time, frustration and obsolete answers to simple data lookup. There is a potential large benefit from the integration of a variety of systems in a way which allows a user to follow links pointing from one one piece of information to another one.

The architecture of the web today is primarily founded on Tim Berners-Lee's original design. Thanks greatly to Berners-Lee's follow-on efforts with the W3C, the web still provides the extensive, functional, and powerful capabilities that he originally envisioned. The following subsections describe the key elements of the look of the internet:

- Web Pages
- Web Links
- Uniform Resource Locators (Urls)
- Web Servers
- Hypertext Markup Language (HTML)
- Hypertext Transfer Protocol (HTTP)
- Java & JavaScript.

Much data is in truth on the market on-line, but references to it involve complicated directions relating to host names, login passwords, terminal kinds and commands to type, sometimes needing the hot interpretation of a network "guru." W3 replaces this with a point-and-click interface which anyone will use.

The World-Wide net has semiconductor diode to a widespread culture of own self-business and co-operative business. The instant to moment accounts of blogs, photography business Flickr and therefore the information store of Wikipedia unit a result of the open solely creating a public website. Also, the communication capabilities of the web unit being complete with VOIP phone services like Skype, Vonage, or Via speak. More and more difficult on-demand content provision has semiconductor diode to the delivery of all kinds of media, as well as people who had been found within the old media kinds of

newspapers, radio, television, and movies, via the web. The Internet's peer-to-peer structure has additionally influenced social and theory, most notably with the increase of file sharing.

The Web is out there to folks outside mass media. To "publish" an online page, one doesn't need to be compelled to endure a publisher or entirely different media institution, and potential readers may be found in all corners of the planet. Not like books and documents, the machine-readable text won't have a linear order from setting out to end. It's not softened into the hierarchy of chapters, sections, subsections, etc.

Many entirely all differing types of data area unit presently on the market on the net, and for those that should be compelled to grasp all completely different societies, their cultures, and peoples, it's become easier. Once traveling in a very foreign country or an overseas city, one can be able to notice some data regarding the place on the net, particularly if the place is in one in every of the developed countries. Native newspapers, government publications, and different materials so. Live easier to access, and so the variability of data gettable with constant effort is as well aforementioned to possess hyperbolic, for the users of the web

Though some websites Go on the market in multiple languages, many so. Steps within the mother tongue solely. Also, not all software package supports all special characters and RTL languages. These factors would challenge the notion that the planet Wide Internet can bring unity to the world.

The raised likelihood to publish materials is noticeable within the general personal pages, additionally as pages by families, small retailers, etc., expedited by the emergence of free internet hosting services.

It is the one medium that is encountering the axial extension. More than 50 million people have admittance to the web the web digital web net the internet data superhighway internet Infobahn}, and it's measurable that more than two hundred million are 011 the net by the year 2000.

Globalization. Your potential market will increment exponentially if your organization has a nearness on the internet. Through this entrance, you are prepared to work with partnerships wherever the world with at least inconvenience. Your proximity on the net will give clients with the fundamental information they have while not contacting your organization straightforwardly. Your site will, in this way, be a promoting accumulating and information data database.

It has come to be for all intents and purposes fundamental for enterprises to claim a site on the internet. A decent site can insert confide in your future clients. Then again, an ineffectively planned site will be biased to your picture. Your web page is available to you clients twenty-four hours day by day, each day of the year and through your site, they'll be prepared to play out their important activities (e.g. put in requests, track their requests, send messages).

A more reasonable way of introducing your organization to people in general than most option assortments of publicizing. Your site can ceaselessly be fully informed regarding the most up to date information, something that alternative mediums can't coordinate. Pick up preference over your opposition amid this space expanding the market by having a specialist very much oversaw the site. Be careful that it could be higher to possess no home site rather than to claim when associating degree second rate one.

### **3.Specification and Design**

#### *3.1 Analysis*

The purpose of analysis is to combine the suggestions that will create the web service and to determine whether it is to be implemented or not.

During analysis, we should observe following factor:

#### *3.2 Specification*

It provides the precise description of Visited places by many people and exact nature of the environment, from where to start your tour.

#### *3.3 Designing*

This stage is used to build the software product by transferring the specification into a detailed designed.

#### *3.4 Implementation*

In implementation stage, we make project to be able to perform the expected result and it just happened by using relative programming logic.

#### *3.5 Testing*

In testing, the software is tested for many times to know that whether it meets its specification so it is necessary to test the software at every stage of its development.

#### *3.6 Operation*

In this stage, the project/software is ready to run on different environment to perform task in well-planned manner

#### 4. Software life Cycle of One Web Portal

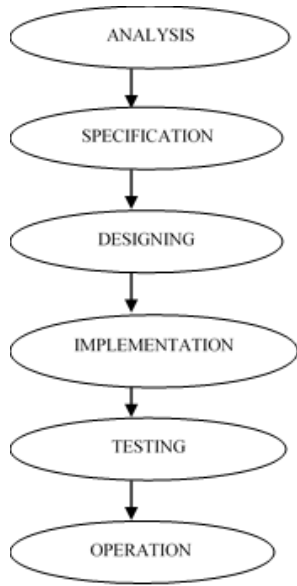


Fig.1. Software life Cycle of One Web Portal

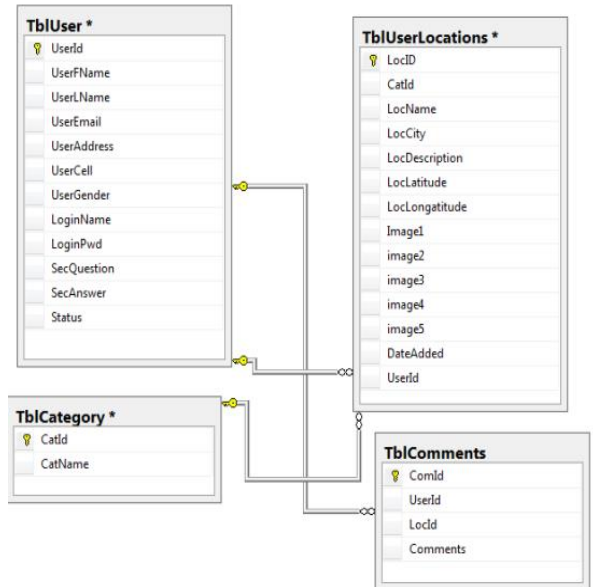


Fig.2. ERD of Information portal

#### 5. Implementations

This is our Home/Welcome Page, when users first enter our site he will seeing this page.



Fig.3. Front Page of Information portal

This is adding new tour page the use has to put the location information in required fields and click on the search button the required location will be show on Google maps with a pushpin. User have to upload 5 images of that location.

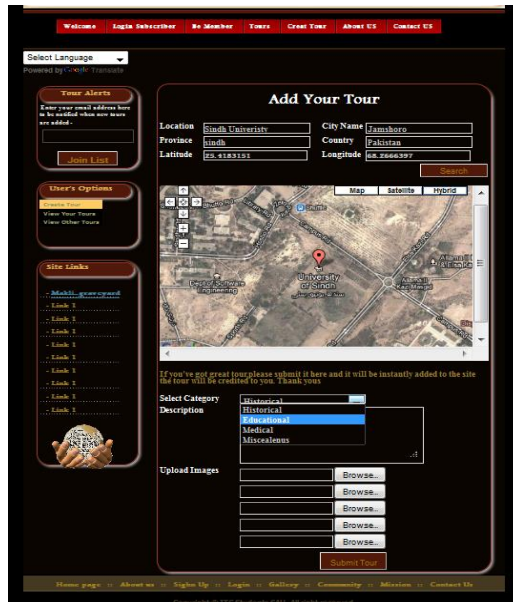


Fig.4. Tour Page of Information portal

This is View all tour Page the user can have all the tour for here. This page is for user to Find tour of Google Maps by selecting the city and category.

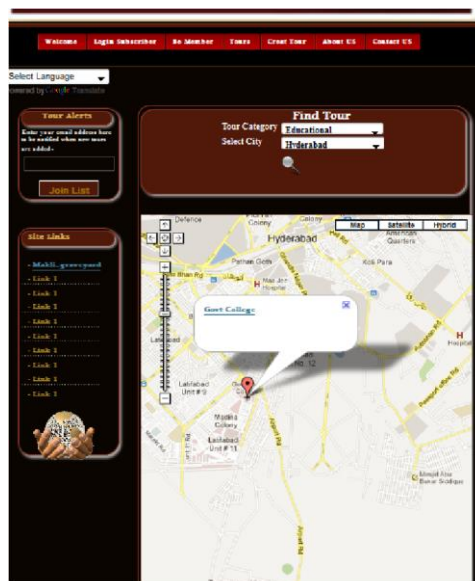


Fig.5. Google Map Tour in Information portal

## **6. Conclusion**

Our purpose is to conclude the functionality in that we are going to add 3D Tour support in our application and user would be able to launch tour videos conjointly. We have conjointly aimed to develop an itinerant app. Thus, users will have just access through mobile phones or pill devices. Almost each one in Pakistan is victimization itinerant, getting access to the web is not doable for all the individuals, keeping this in mind we are a unit designing a massive image of developing this portal for itinerant users World Health Organization will get instant access to our portal and may plan their vacations or holidays a lot of well while not obtaining discomposed. This will undoubtedly facilitate our state department of business enterprise to market plan of activities in Pakistan.

## **7. Future Works**

The main aim of us to the style of the website was to push Pakistani Culture and its Heritage, all over the planet. But having some drawback, In the future we area unit aimed to feature practicality for all users everywhere the world and have support for 3D tours, where folks will additionally transfer and share their videos and their expertise concerning the place they need to be visited. For this purpose, a server will be required that has a commonwealth of information crunching which will support multiple user logins at a time additionally. The servers like this common area unit costly and they aren't unremarkably accessible in West Pakistan, there for some sorts of assistances will be needed.

## **Declarations**

### **Competing Interests**

The authors declare that they have no competing interests.

### ***Authors' Contribution***

All the authors have contributed in the paper.

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