SYNOPSIS

ON
SMART CITY MANAGEMENT SYSTEM

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INTRODUCTION

Smart City is a web-based software developed in   programming language to store the details of a city. The main purpose of this project to help the tourists and other visitors to the city by providing information about hotels, transportation facilities, air ticket booking, shopping details, city news, etc. The Smart City Project serves the visitors as a guide of the city, and hence the project is also called **City Guide Project**.

Everyday a large number of people are coming to all the cities seeking job, higher studies, business, tourism, etc. Initially all the system of the city are unknown to the new comers of the city. They don't know much about booking hotel, transportation, shopping, etc. But implementation of Smart City Project provides the complete solution package for new comers.

The use of internet is rapidly growing in all cities around the globe. Nowadays, people prefer searching in internet to enquiring the locals of the city. The smart city web pages can be browsed from anywhere using internet service and all the details of the city can be accessed. One can see all the necessary information about city through this online application.

EXISTING SYSTEM

There are no so much projects like Smart City Management, either the user has to search manually or the existing projects which is not user-friendly as user expected like all the dishes in one platter. In Existing Systems user visits different sites for their requirement because most of the systems are based on one specific demands like if an user wants to search schools list and historical places in a city , he/she has to go on different sites.

USE OF THE PROJECT

The key features of this Smart City web-based software are:

- Using this project, the details of city can be accessed from anywhere at any time.
- The implementation of this city project promotes tourism and business effectively.
- Hotels can be searched more easily from anywhere.
- With the help of this online software, students can look for the academic institutes located in the city.
- You can view the complete map of city using this project.
- Historical places can be searched more easily from anywhere.
- Banks , ATMs can be searched more easily from anywhere.
- Hospitals can be searched more easily from anywhere.

Feasibility of Project

Whatever we think need not be feasible .It is wise to think about the feasibility of any,problem we undertake. Feasibility is the study of impact, which happens in the organization by the development of a system. The impact can be either positive or negative. When the positives nominate the negatives, then the system is considered feasible. Here the feasibility study can be performed in two ways such as technical feasibility and Economical Feasibility.

Technical Feasibility:

 We can strongly says that it is technically feasible, since there will not be much difficulty in getting required resources for the development and maintaining the system as well. All the resources needed for the development of the software as well as the maintenance of the same is available in the organization here we are utilizing the resources which are available already.

Economical Feasibility :

 Development of this application is highly economically feasible .The organization needed not spend much money for the development of the system already available. The only thing is to be done is making an environment for the development with an effective supervision..Even after the development, the organization will not be in condition to invest more in the organization .Therefore,the system is economically feasible.

FUNCTIONAL SPECIFICATION

1. **Administration module:** is the overall controller of the smart city project. It updates itself as well as other modules. This module is responsible for uploading job opportunities in the site, updating business information, authenticating the user profiles along with the maintenance of other four modules.

2. **Tourism Module:** is designed to take care of tourist related tasks in city. It maintains the details regarding the hotels, tourist spot, entertainment source, ATMs, theatres, city map, etc. A tourist authenticated by the administration is the main user of this module.

3. **Student module:** aims at helping the student in searching institutes and providing the information regarding them. A student can view library, coaching centers, technical colleges etc. with the help this module.

4. **Jobseekers module:** enables the system to enlist available job opportunities in the city. Though this module, the user can access the various information regarding various job offering organizations. The main aim of the module is to help the city administration in solving unemployment problems.

5. **Business Module:** focuses at updating the different information regarding the trade in city. It gives the information about business centers, industries, etc. in the city along with social and political impact on them. The history of the city, market views, industrial views etc. can be accessed through this module of project on Smart City.

Software Specification:

-     Technology Implemented   : WEB BASED TECHNOLOGY
-     Language Used   : HTML5,CSS3, SCRIPT , JAVA SERVLETS
-     Database   : PHP MYADMIN
-     User Interface Design   :
-     Web Browser   : GOOGLE CHROME.MICROSOFT EDGE

Hardware Requirements:

-     Processor   : intel i5,i3 8th gen,5th gen
-     Operating System   : Windows 10,8.1
-     RAM   : 8GB
-     Hardware Devices   : Monitor , HDD,SSD,RAM
-     Hard disk   : 1Tb
-     Display   : 15.6 inch Full HD+

FUTURE SCOPE

In conclusion, Smart City Project provides info regarding the various aspects of city such as tourism, institutes, industry, geographical maps, ATM locations, etc. The implementation of this project solves most of the problems a new visitor faces while coming to a new city such as: path finding, hotel searching, ticket booking, and more.It will help the user to collect the maximum information through this.If we use google map api we can fetch all the information across the country for each city.