



Virtual Tourist Guide

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ABSTRACT

The Tourism industry is one of major contributors to national development. It plays a major role in nation's economic development by bringing needed foreign exchange and creating job. Yet there are many such problems that this industry is facing such as Lack of proper infrastructure, lack of skilled human resources, insufficient promotion and marketing, taxation, security issues, etc. Our project "Virtual Tourist Guide" is meant to be useful for facing such challenges efficiently and will be a safe and best alternative for the tourists to choose without any doubts or hesitation. From source to destination, our virtual tourist guide will be there for the tourists to help and to answer their every question. Though government has many tourism websites but they are not to be meant as user friendly as our website will be. The basic aim of this project is to provide hassle-free service to the tourists travelling at any particular place.

Keywords: Language Translator.

1. INTRODUCTION

Virtual Tourist Guide is developed by using HTML, CSS and another frameworks for web development. It is developed by planning and project decision to guide the new tourist. This research has led to development of decision guide as a tool for practitioner to reach balance decision for enhancing travelling capacity. This project supports some research efforts by developing a blueprint for visioning linked closely to the decision guide. The objective of project is to providing the information about tourism and places with appropriate guidance. The secondary and most important thing is platform. The platform for this project is both desktop application as well as web application. Both the platform are as same as each other. We have designed our project using these two platform so it can be convenient in any format. There are many platform similar to like this but that is available only on web development platform, hence the tourist who are satisfy and many more familiar only on desktop application, for those we have decided to make the application. Also we are implementing some modern libraries like text-to-speech, SMTP, database for storing the user records and keep them secure. The major estimate of the project is security so, we are going to provide the security system for our valuable user's data only, and this data will be stored in database system. Also we are trying to make the desktop application and web application as same as possible for easy handling for new users though they will comfortable with web

application or desktop application , By using this strategy it will be benefit for those user who ae either comfortable with desktop application or web application or either both application

2. PROBLEM STATEMENT

India is a pilgrimage for tourists from all over the world. From 17000 tourists in 1951 to over 10 million by 2017 the Indian travel and tourism industry is prospering enormously. 9.4% was made to India's total GDP in 2017 and provided 41.622 million jobs to people. Yet we are far behind from the countries like Singapore and Hongkong. The reason behind this is problems such as lack of proper infrastructure, lack of qualified human resource, insufficient promotion and marketing, taxation, security issues etc. Governmental efforts have also been insufficient. This section must be treated with caution in order to give a simple and powerful solution to this problem else it will fail to justify this research. To overcome these challenges, the main factor is to study the consumer behaviour that deals with the potential customers, and tourism that deals with the requirements of the consumer. Our project will try to provide each and every type of experience to the user and will try to meet their expectations.

3.SCOPE

Tourism sector has created about 11 million jobs and has the potential to create another 37 million jobs in the future. Although the future of the industry is quite bright but still there is a lot of development in terms of infrastructure and skilled personnel. Our project fulfils the condition and is capable of doing more than a manual guide can do. And in terms of security it will avoid interference of manual guides and will save the tourists from fraudsters and many people who work for commission from shop owners. This project will be trustworthy and will be able to develop a positive attitude for tourism among all the tourists.

4.LITERATURE SURVEY

To make the Language translation process truly easy and competent wireless and web technologies are used. The the possibility of right, easy and understandable way to translate languages. This system is developed using Java, XML, and Firebase. Though product is stand- alone it requires webhost. The user has to download the application to translate the text from one language to another .

5.METHODOLOGY OF IMPLEMENTATION

The main objective of the project is to develop an android application that will provide a platform which can translate over 25 languages anytime from anywhere.

Specific Objectives:

1. Reduce language barriers in various countries
2. Improve communication in foreign languages
3. Provide a platform to translate many languages at one place
4. The application translates text from one language to another.

6. TECHNOLOGY USED

Frontend: X
Others: Android, Firebase
Backend: Java

7.CONCLUSTON

Coming to the conclusion part of this project is that to provide insights into the development shows this project can be implemented based on the need of the toursits. The application which is proposed, now computerized all

the details that are maintained manually. As demonstrated along selected implementation issues, such a development is very challenging. Furthermore, deep knowledge about the various places will be provided so that it will be easy to understand for the tourists. Once the details are fed into the system there is no need for various persons to deal with separate sections. Each and every detail is filled in concern with the verified information of the project. This application is very user friendly and built for the convenience, because anyone from anywhere can access it very easily and can get useful information within seconds. Only a single person is enough to maintain all the reports. Accurate calculation are made. Less manpower required. Records stored updated every now and then. Stored data and procedures can be easily deleted. Security is assured In future virtual environment be added for realistic experience.

8.FUTURE SCOPE

Machine Translation can increase translators' capabilities by 3-5 times in some cases, allowing for more content to be localized in a shorter amount of time. With increased productivity and reduced costs, companies will be able to translate more content into more languages.

Machine translation technology and products have been used in many application scenarios, such as business travel, tourism, cross-language information retrieval and so on. In terms of the object of translation, there are written language-oriented text translation and spoken language-oriented phonetic translation.

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