

District Information System

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ABSTRACT

The work district information system describes about the details of the thiruvarur district, which includes the details about the villages, taluk, schools, colleges, universities, police stations, tourist spots and so on. The main aim of this project is to full fill the peoples need to know about a district. The project mainly developed with ASP.NET and the database is accessed through SQL.

Keywords : Data Storage, Entity Extraction, Asp.net, Web page Application, C#

I. INTRODUCTION

Elementary education besides being the basic Human need is vital for raising the standard of life, providing gainful employment, removal of regional backwardness, thereby ensuring overall development and wellbeing of a Country. It is therefore the need of the hour to review the literature carried out by the different academicians, educational thinkers, researches policymakers and educational reformers in the field of education in India and particular in state. Humans easily to know government sources, basically its need for the every indian citizen. This project basically about tamilnadu district. Information we have selected thiruvaur distr. Its usefull for all the persons who will know the government oriented resources. The project specially is to describe the district information such as hospitals, police station, tourism, schools. In a singles District. Totally its view the information taluk bases. Basically the data are stored in Taluk vise. Easily to pupil understand about the district.

II. LITERATURE SURVEY

[1] DECENTRALIZED GOVERNANCE THROUGH GIS-A CASE STUDY FOR CUDDALORE DISTRICT OF TAMILNADU

One of the major challenges in governance is to augment the district administration to adopt itself to the necessities of emerging information economy. in this sense, tamilnadu has pioneered in its adaptation and implementation of various e-governance projects. Many such success stories of tamilnadu are being replicated elsewhere in the country for its simplicity and cost effectiveness. on similar lines, the state planning commission, government of tamilnadu has initiated various projects to exploit the opportunities of geographic information system technology to leap forth to higher levels in Socioeconomic development. Geographic Information System(GIS) has become an important tool for managing, analyzing and decision making, by seamlessly combining both spatial and non-spatial data, promising to enhance the delivery of public goods and services to citizens not only by improving the processes and management of government, but also by redefining the traditional concepts of information handling.

In view of the above, government of tamilnadu, has constituted a task force at the state planning commission, with the main objective as – development and implementation of standardized district and state level gas applications for planning and monitoring processes in all the districts of tamilnadu using natural resources, socio-economic, demographic and agro-economic data from different sources. in this paper, an

attempt has been made to summarize the entire exercise carried out at Cuddalore and nagapattinam, jointly by the state planning commission and national informatics centre as a first step towards this larger objective of building tngis.

[2] CONCEPTS AND REVIEW OF LITERATURE

[2] Self-Help Groups play a pivotal role in reducing poverty levels, generating employment and empowering women. Various studies have proved that different models of credit linkage programmes are highly successful and the repayment rates more than 95%. Micro financing or group lending is being looked upon as an instrument that can be considered as the golden stick for development and has become a ladder for uplifting the poor women socially, mentally and attitudinally. Some studies have highlighted the fact that the micro-enterprises of SHGs do not have market development strategies and they face a lot of difficulties in positioning their products in the market, relating to other products and markets. SHG members who generally lack high level of literacy, technical competence, market intelligence and entrepreneurial spirit face a lot of difficulties in carrying out their business activities. The study attempts to find out the extent of success of working of women self-group members based on choice of business, marketing strategies followed, financial sustainability, and the organization of the SHGs are considered as important factors to determine the SHGs success in the long run.

[3] A STUDY ON JOB SATISFACTION OF HIGHER SECONDARY SCHOOL TEACHERS AT TRICHY

Teachers are the backbone of the educational process and play a vital role in building the nation. Teachers act as a pivot around which all the educational programmes rotate and they are crucial in the implementation process also. It is also a fact that the quality of teachers influences the level of achievement of students. Teachers have an impact on all the desired outcomes envisaged in an individual by the society. Thus the role of teachers does not limit itself to impart the knowledge alone, but in broadening the national outlook, enhancing sense of efficiency and competency among the future citizens and preparing individuals for the right type of profession.

[4] DISTRICT INFORMATION SYSTEM FOR EDUCATION

The national university of planning and administration has created a comprehensive database for elementary education in India under one of its most prestigious projects, known as district information system for education (DISE). The project covers fourth primary and upper primary school and sections of all the districts of the country. What is more remarkable about DISE is that it has drastically reduced the time lag in availability of educational statistics which is down from 7-8 years to less than a year at the national and only a few months at the district and state level and there are no more data gaps. DISE is supported by the ministry of human resource development and UNICEF.

This project is a huge one to maintain. The existing project is very large. Its very large coding reduces the execution speed of the project, one of the major disadvantages of the existing system. The existing system deals with the bidding process manually.

There is a need to assemble all bidders in a common place to participate in the process. The new one overcomes the existing system's problem, such as backend user difficulties in some working conditions.

Disadvantage of existing system:

- It refers more than one website
- It refers more than one thiruvannamalai guide books
- It has a lot of manpower
- This system's time taken will be increased

III. PROPOSED WORK

The proposed system has remarkable features over the existing one. The proposed system has other remarkable features that reduce the complexity of the coding to increase the execution speed of the project and eliminate the end user difficulty at the working time. The development of this project is used to eliminate all the drawbacks which are found in the existing one

- Need not visit websites.
- Need not refer books.
- Reduce a lot of manual work.
- In this system, time taken will be reduced.
- This can be easily understood by everyone.

This system is as website we view anywhere in online.

IV. METHODS AND MATERIAL

ARCHITECTURE of .net

The runtime is designed to enhance performance. Although the common language runtime provides many standard runtime services, managed code is never interpreted.

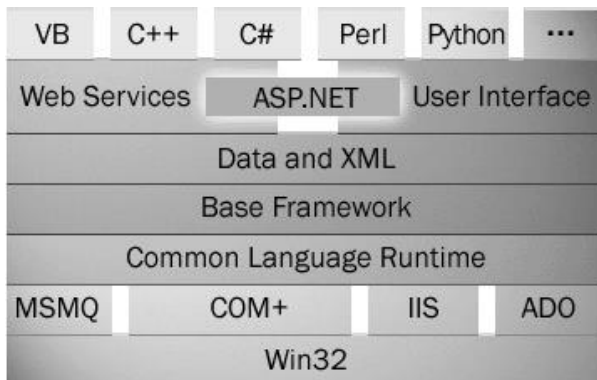


Figure 1. Architecture of .net

A feature called just-in-time (JIT) compiling enables all managed code to run in the native machine language of the system on which it is executing. Meanwhile, the memory manager removes the possibilities of fragmented memory and increases memory locality-of-reference to further increase performance.

ARCHITECTURE DIAGRAM

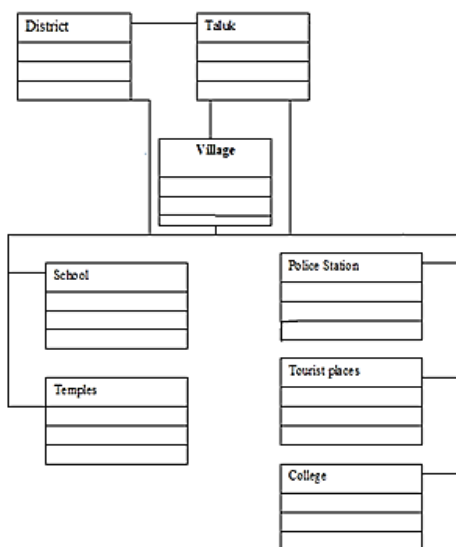


Figure 2. Architecture Design

DISTRICT INFORMATION

This form is used to store the information about the District. It contains the following details district code, district name, collector name, deputy collector name, total area. These details are stored in district table. This form to perform the following commands to manipulate the data.

1. TALUK INFORMATION

This form is used to store the information about the Taluk. It contains the following details Taluk code, Taluk name, district code, district name. These details are stored in district table. This form to perform the following commands to manipulate the data.

2. REVENUE VILLAGE

This form is used to store the information about the Revenue. It contains the following details Village code, Name of Village, Taluk code, Name of Taluk, district code, district name, Revenue Block, Geographical are. These details are stored in Revenue Village table. This form to perform the following commands to manipulate the data.

3. SCHOOL INFORMATION

This form is used to store the information about the School. It contains the following details School Code, School Name, Type of School, Village code, Name of Village, Contact No, Address. These details are stored in School information table. This form to perform the following commands to manipulate the data.

4. TOURISM INFORMATION

This form is used to store the information about the Tourism place. It contains the following details S. No, Village code, Name of Village, Taluk code, Name of Taluk, district code, district name, Tourism Stored description, These details are stored in Tourism table.

V. RESULTS AND DISCUSSION

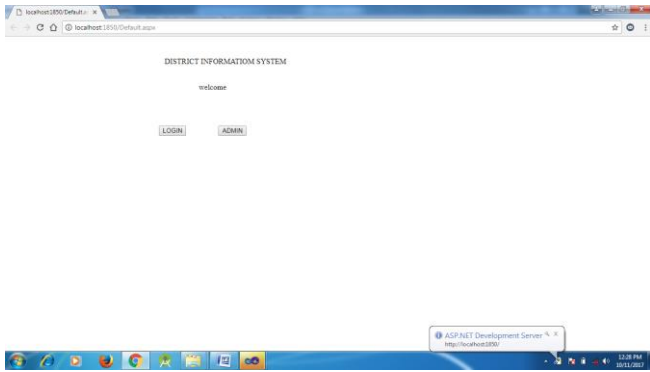


Figure 3. Home Page

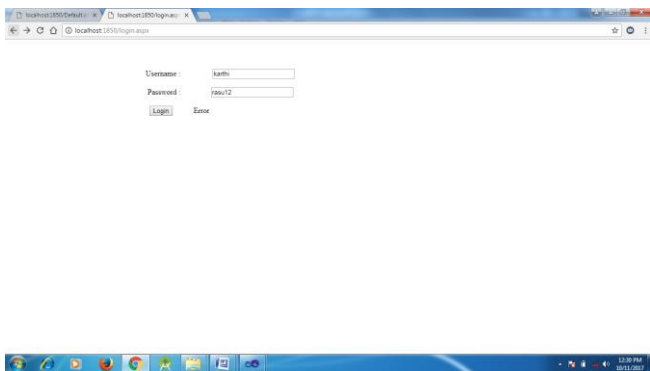


Figure 4. Login Page

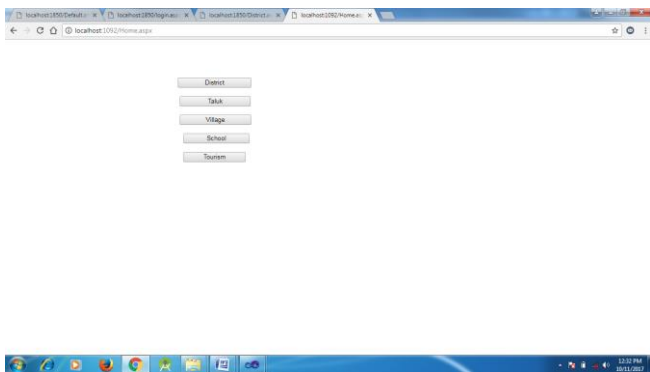


Figure 5. Registration Page

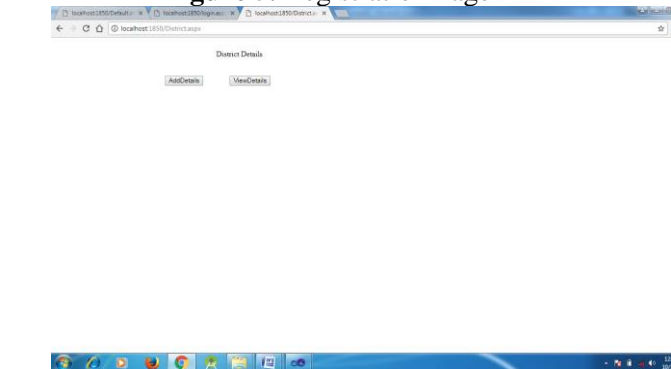


Figure 6

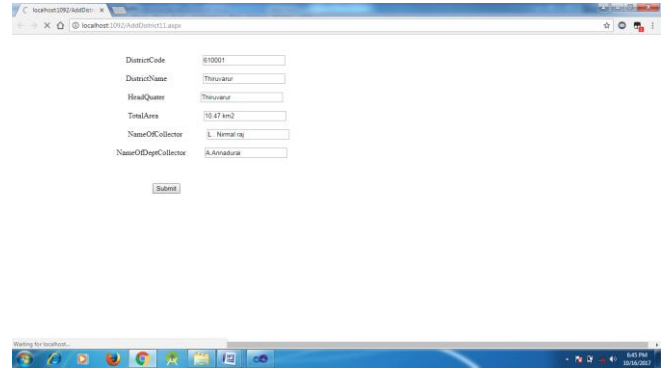


Figure 7

VI. ACKNOWLEDGEMENT

I express my gratitude to Mrs. R. Karthiyayini (Assistant professor), our internal guide for his guidance and encouragement in making this project successful.

VII. CONCLUSION

The work is overall done. Project has included district information and schools, taluk, police station, hospitals, tourism in the thiruvarur district is adapted in this project used for all citizens. Easily finding the details and collect the details by this district information system project.

VIII. REFERENCES

- [1]. Decentralized Governance through GISA case study for Cuddalore District of Tamil Nadu. Jayanthi M.I.F.S, Head of Division (Land Use), StatePlanningCommission.
- [2]. Customer Perception Towards E-Banking in Trichy District Dr. C. Thirumal Azhgan Department of Management Studies Anna University (Bit Campus)
- [3]. Concept and Review of Literature N. Lalitha Shivakumar, 'Self-Help Groups', Social Welfare, July 1995, Vol. 42, No. 4, p. 9.
- [4]. A study on Performance Appraisal of the Tiruchirappalli District Co-Operative Milk Producers' Union Limited. Research Scholar A. SELVENDRAN Research Advisor Dr. A. PEER MOHIDEEN, M.Com.,M.Phil., Ph.D.,Associate Professor in Commerce.
- [5]. A Study on Job Satisfaction of Higher Secondary School Teachers at Trichy. Mr.V. Senthil kumar,

M.Com, M.Phil, MA, Head and Asst. Prof. in
B.Com (CA) Sri Vinayaga College of Arts and
Science, Ulunthupet. 606107

- [6]. District information system for education
- [7]. Educational training of health information system
- [8]. Municipal solid waste collection problems Jeroen
Belien, ,Liesje De Boeck,,Jonas Van Ackere.
- [9]. Health information technology in primary health
care in developing countries.
- [10]. Literature survey on Tourism Recommendation
Jitha P B,Reshma M