Project Report of Online News Portal Page - 0Introduction of the Project Online News Portal The Online News Portal has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and in some cases reduce the hardships faced by this existing system. Moreover this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.The application is reduced as much as possible to avoid errors while entering the data.It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly.Online News Portal , as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.Every organization, whether big or small, has challenges to overcome and managing the information of News Category, News, Sports News, Comment, Weather News.Every Online News Portal has different News needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements.This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

Project Report of Online News Portal Page - 7Abstract of the Project Online News Portal The purpose of Online News Portal is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.Online News Portal, as described above, can lead to error free, secure, reliable and fast managementṣ system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. @asically the project describes how to manage for good performance and better services for the clients.

Project Report of Online News Portal Page - 4Objective of Project on Online News Portal; The main objective of the Project on Online News Portal is to manage the details of News, News Category, Latest News, Sports News, Weather News. It manages all the information about News, Comment, Weather News, News. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The Purpose of the project is to build an application program to ṣreduce the manual work for managing the News, News Category, Comment, Latest News. It tracks all the details about the Latest News, Sports News, Weather News. Functionalities provided by Online News Portal are as follows; Provides the searching facilities based on various factors. Such as News, LatestNews, Sports News, Weather NewsOnline News Portal also manage the Comment details online for Sports Newsdetails, Weather News details, News.It tracks all the information of News Category, Comment, Sports News etcManage the information of News CategoryShows the information and description of the News, Latest NewsTo increase efficiency of managing the News, News CategoryIt deals with monitoring the information and transactions of Sports News.Manage the information of NewsEditing, adding and updating of Records is improved which results in proper resource management of News data.Manage the information of Sports NewsIntegration of all records of Weather News.

Project Report of Online News Portal Page - 2Scope of the project Online News Portal It may help collecting perfect management in dṣetails. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works related to Online News Portal. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.Our project aims at Business process automation, i.e. we have tried to computerize various processes of Online News Portal.In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.To assist the staff in capturing the effort spent on their respective working areas.To utilize resources in an efficient manner by increasing their productivity through automation.The system generates types of information that can be used for variouspurposes.It satisfy the user requirementBe easy to understand by the user and operatorBe easy to operateHave a good user interfaceBe expandableDelivered on schedule within the budget.

Reports of Online News Portal It generates the report on News, News Category, CommentProvide filter reports on Latest News, Sports News, Weather NewsYou can easily export PDF for the News, Comment, Sports News Application also provides excel export for News Category, Latest News, WeatherNewsYou can also export the report into csv format for News, News Category, WeatherNews Modules of Online News Portal News Management Module Used for managing the News details.  Weather News Module Used for managing the details of Weather News Comment Module Used for managing the details of Comment News Category Management Module Used for managing the information and details of the News Category. Latest News Module Used for managing the Latest News details Sports News Module Used for managing the Sports News information Login Module Used for managing the login details Users Module Used for managing the users of the system

Input Data and Validation of Project on Online News Portal All the fields such as News, Latest News, Weather News are validated and does not take invalid valuesEach form for News, News Category, Comment can not accept blank value fields Avoiding errors in dataControlling amount of inputIntegration of all the modules/forms in the system.Preparation test cases.Preparation of the possible test data with all the validation checks. Actual testing done manually.Recording of all the reproduced errors.Modifications done for the errors found during testing.Prepared the test result scripts after rectification of the errors.Functionality of the entire module/forms.Validations for user input.Checking of the Coding standards to be maintained during coding.Testing the module with all the possible test data.Testing of the functionality involving all types of calculations etc.Commenting standard in the source files. The software quality plan we will use the following SZA Strategy  In the first step, we will select the test factors and rank them. The selected text factors such as reliability, maintainability, portability, etc, will be placed in the matrix according to their ranks. The second step is for identifying the phases of the development process. The Phase should be recorded in the matrix. The third step is that identifying the business risks of the software deliverables.The risks will be ranked into three ranks such as high, medium and low.

Project Report of Online News Portal Page - ?Features of the project Online News Portal;  Product and Component based Creating & Changing Issues at ease Query Issue List to any depth  Reporting & Charting in more comprehensive way User Accounts to control the access and maintain security  Simple Status & Resolutions Multi-level Priorities & Severities. Targets & Milestones for guiding the programmers  Attachments & Additional Comments for more information Robust database back-end Various levels of reports available with a lot of filter criterias  It contain better storage capacity. Accuracy in work. Easy & fast retrieval of information. Well designed reports. Decrease the load of the person involved in existing manual system.  Access of any information individually. Work becomes very speedy. Easy to update information

Project Report of Online News Portal Page - = Software Requirement Specification The Software Requirements Specification is produced at the culmination of the analysis task. The function and performance allocated to software as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioral description, an indication of performance requirements and design constraints, appropriate validation criteria, and other data pertinent to requirements. The proposed system has the following requirements; System needs store information about new entry of News. System needs to help the internal staff to keep information of News Category and find them as per various queries. System need to maintain quantity record. System need to keep a record of Latest News. System need to update and delete the record. System also needs a search area. It also needs a security system to prevent data.

Project Report of Online News Portal Page - :> Identification of need; The old manual system was suffering from a series of drawbacks. Since whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order. there used to be lots of difficulties in associating any particular transaction with a particular context. If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation. There would always be unnecessary consumption of time while entering records and retrieving records. One more problem was that it was very difficult to find errors while entering the records. Once the records were entered it was very difficult to update these records. The reason behind it is that there is a lot of information to be maintained and have to be kept in mind while running the business .For this reason we have provided features Present system is partially automated (computerized), actually existing system is quite laborious as one has to enter same information at three different places.

Following points should be well considered; Documents and reports that must be provided by the new system; there can also be few reports, which can help management in decision-making and cost controlling, but since these reports do not get required attention, such kind of reports and information were also identified and given required attention. Details of the information needed for each document and report. The required frequency and distribution for each document. Probable sources of information for each document and report. With the implementation of computerized systems, the task of keeping records in an organized manner will be solved. The greatest of all is the retrieval of information, which will be at the click of the mouse. So the proposed system helps in saving the time in different operations and making information flow easy giving valuable reports.

Project Report of Online News Portal Page - :: Feasibility Study; After doing the project Online News Portal, studying and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time. Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements. A. Economical Feasibility This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor. All hardware and software cost has to be borne by the organization. Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and later on running cost for system.

B. Technical Feasibility This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms. C. Operational Feasibility No doubt the proposed system is fully IUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with the new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing

Project Report of Online News Portal Page - 12System Design of Online News Portal In this phase, a logical system is built which fulfils the given requirements. Designphase of software development deals with transforming the clients 's requirements into a logically working system. Normally, design is performed in the following in the following two steps; 1. Primary Design Phase; In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more interaction are keptin one block. 2. Secondary Design Phase; In the secondary phase the detailed design of every block is performed. The general tasks involved in the design process are the following;1. Design various blocks for overall system processes. 2. Design smaller, compact and workable modules in each block. 3. Design various database structures. 4. Specify details of programs to achieve desired functionality. 5. Design the form of inputs, and outputs of the system. 6. Perform documentation of the design. 7. System reviews.

Project Report of Online News Portal Page - 13User Interface Design User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue. The following steps are various guidelines for User Interface Design;1. The system user should always be aware of what to do next. 2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area. 3. Message, instructions or information should be displayed long enough to allow the system user to read them. 4. Use display attributes sparingly. 5. Default values for fields and answers to be entered by the user should be specified. 6. A user should not be allowed to proceed without correcting an error. 7. The system user should never get an operating system message or fatal error.

Project Report of Online News Portal Page - 14Preliminary Product Description; The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of the preliminary investigation is to evaluate project requests. It is not a design study nor does it include the collection of details to describe the business system in all respect. Rather, it is the collecting of information that helps committee members to evaluate the merits of the project request and make an informed judgment about the feasibility of the proposed project. Analysts working on the preliminary investigation should accomplish the following objectives; Clarify and understand the project requestDetermine the size of the project. Assess costs and benefits of alternative approaches.Determine the technical and operational feasibility of alternative approaches.Report the findings to management, with recommendations outlining the acceptance or rejection of the proposal. Benefit to Organization The organization will obviously be able to gain benefits such as savings in operating cost, reduction in paperwork, better utilization of human resources and more presentable image increasing goodwill. The Initial Cost The initial cost of setting up the system will include the cost of hardware software(OS, add-on software, utilities) & labour (setup & maintenance). The same has to bear by the organization.

Project Report of Online News Portal Page - 15 Running Cost Besides, the initial cost the long term cost will include the running cost for the system including the AMC, stationary charges, cost for human resources, cost for update/renewal of various related software. Need for Training The users along with the administrator need to be trained at the time of implementation of the system for smooth running of the system. The client will provide the training site.We talked to the management people who were managing the financial issues of the center, the staff who were keeping the records in lots of registers and the reporting manager regarding their existing system, their requirements and their expectations from the new proposed system. Then, we did the system study of the entire system based on their requirements and the additional features they wanted to incorporate in this system.Reliable, accurate and secure data was also considered to be a complex task without this proposed system. Because there was no such record for keeping track of all the activities, which was done by the Online News Portal on the daily basis.The new system proposed and then developed by me will ease the task of the organization in consideration. It will be helpful in generating the required reports by thestaff, which will help them to track their progress and services.Thus, it will ease the task of Management to a great extent as all the major activities to be performed, are computerized through this system.

Project Report of Online News Portal Page - 16Project Category Relational Database Management System (RDBMS) ; This is an RDBMS based project which is currently using MySQL for all the transaction statements. MySQL is an open source RDBMS System. Brief Introduction about RDBMS ; A relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as invented by E. F. Codd, of IBM's San Jose Research Laboratory. Many popular databases currently in use are based on the relational database model.RDBMSs have become a predominant choice for the storage of information in new databases used for financial records, manufacturing and logistical information,personnel data, and much more since the 1980s. Relational databases have often replaced legacy hierarchical databases and network databases because they are easier to understand and use. However, relational databases have been challenged by object databases, which were introduced in an attempt to address the object-relational impedance mismatch in relational database, and \_ML databases.

Upto 16 done