

Web based chat application

SDP-PROJECT

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Objective:

The purpose of Online Chat Application is to automate the 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. The required software and hardware are easily available and easy to work with.

Online Chat Application, 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. 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. Basically the project describes how to manage for good performance and better services for the clients.

System Overview:

The main objective of the Project on Online Chat Application is to manage the details of Chat Profile, Chat User, Chat History, Group Chat, Smilies Chat. It manages all the information about Chat Profile, Multi Chat, Smilies Chat, Chat Profile. 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 reduce the manual work for managing the Chat Profile, Chat User, Multi Chat, Chat History. It tracks all the details about the Chat History, Group Chat, Smilies Chat.

Requirement Analysis:

• System needs store information about new entry of Chat Profile.

• System needs to help the internal staff to keep information of Chat User and find them as per various queries.

• System need to maintain quantity record.

• System need to keep the record of Chat History.

• System need to update and delete the record. System also needs a search area.

• It also needs a security system to prevent data.

Functional Requirements:

Scope of the project Online Chat Application:

It may help collecting perfect management in details. 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 relative to Online Chat Application. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, Le. we have tried to computerize various processes of Online Chat Application

• 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 various purposes.

• It satisfy the user requirement

• Be easy to understand by the user and operator

• Be easy to operate

• Have a good user interface

• Be expandable

• Delivered on schedule within the budget.

Features of the project Online Chat Application:

•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 level of reports available with a lot of filter criteria's

•It contain better storage capacity.

• Accuracy in work.

• Easy & fast retrieval of information.

•Well designed reports.

•Decrease the load of the person involve in existing manual system.

• Access of any information individually.

• Work becomes very speedy.

•Easy to update information.

Non-functional Requirements:

The most common ones are performance, scalability, portability, compatibility, reliability, availability, maintainability, security, localization, and usability.

Performance and scalability: How fast does the system return results? How much will this performance change with higher workloads?

Portability and compatibility: Which hardware, operating systems, and browsers, along with their versions does the software run on? Does it conflict with other applications and processes within these environments?

Reliability, maintainability, availability: How often does the system experience critical failures? How much time does it take to fix the issue when it arises? And how is user availability time compared to downtime?

Security: How well are the system and its data protected against attacks?

Localization: Is the system compatible with local specifics?

Usability: How easy is it for a customer to use the system?