North South University

Department of Electrical and Computer Engineering

" Project ideas "

Course Code-CSE299

Section- 07

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*****   Primary   Ideas   *****

TITLE: Real-Time Chat Application

Introduction:

A chat application is a feature or a program on the Internet to communicate directly among Internet users online or equally using the Internet. Chat applications allow users to share even though from a great distance. Therefore, this chat application must be real-time and multi-platform, and many users can use it. Information and communication technologies are rapidly developing. It is one of the reasons for Bangladesh, especially Dhaka, to create this chat application. That's because Bangladesh does not always rely on outsiders. Bangladesh needs to develop this chat application for itself.

Communication is essential for humans. It is a means for people to exchange messages or thoughts. It has started since the beginning of human creation. Distant communication began as early as the 18th century by introducing television, telegraph, and telephone. Telephone communication stands out as the fastest growing technology among the other devices. It was at the first fixed-line. Then from fixed line to wireless mobile, from a voice call to data transfer. It is evolving at a rapid speed. Computer networks and telecommunication technologies bear the same objective: to allow people to communicate by sharing data. Chatting is using technology to share data to bring people and ideas together despite distance and geographical barriers. The idea to develop such technology has been available for years, but its acceptance was pretty recent. Our project is a real-time chat application. It will guarantee our client or user to run this system on their pc and establish communication to share their message privately.

Why this app ? Why make it ?

Data or information is very important in today's world. Currently, many messenger apps are up and running. But they are selling our data to third parties for profit. The data is compromising our privacy. We want to give the people what they want. A free, secure platform to share their speech without being violated. We won't know what kind of data the users are passing. We will only give our service for the betterment.

Application Function:

- **Login Menu (Login / Logout function)**
- **Register function**
- **Photo Upload**
- **Who is Online**
- **Search Option**
- **One on One Chat**
- **Log in from Different Browsers**
- **Public Host**

Software Tools:

- **MySQL**
- **PHP**
- **JavaScript**
- **HTML**
- **CSS**

TITLE : SMART FURNITURE STORE

Introduction:

Shopping has long been considered a recreational activity by many. Shopping online is no exception. The goal of this application is to develop a web-based interface for online retailers. The system would be easy to use and hence make the shopping experience pleasant for the users. The goal of this application is To develop an easy to use web-based interface where users can search for products, view a complete description of the products and order the products. A search engine that provides an easy and convenient way to search for products specific to their needs. The search engine would list a set of products based on the search term and the user can further filter the list based on various parameters. An AJAX enabled website with the latest AJAX controls given us attractive and interactive look to the web pages and prevents the annoying post backs. Drag and Drop feature which would allow the users to add a product to or remove a product from the shopping cart by dragging the product into the shopping cart or out of the shopping cart. A user can view the complete specification of the product along with various images and also view the customer reviews of the product. They can also write their own reviews.

What for Whom:

Web base online furniture shop for both producers & consumers.

Feature:

- User Login/ Logout

- Add to cart

- Online Payment

- Multiple Entries

- Search

- 3d view of products

Software Tools:

- MySQL

- Sublime text editor

- Adobe illustrator Android Studio