

Title of Project: NetConnect: A Socuet-Based LinkedIn Like System

Objectives of Project:

1) To create such system which gives a basic Idea about How Exactly a server-client Networking Model works.

2) To create Such system which has primary functionalities of any Social Media ne system like linked In using Socket Programming

Functionalities used in project

- 1) User Authentication:
- > Implementation of a secure user authentication System to validate user coedentials during login
- 2) User Registration & Profile creation:
- Process allowing users to create accounts with unique usernames & passwords.
- -> Comprehensive user Profile Creation,
 Enabling individuals to showcase their Personal
 Educational & Professional details.
- 3) search Functionality:
- → Inclusion of advanced search functionalities allowing users to find connections based on Various criteria such as name, institute, industry & more.



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	4) Homepage Navigation	
	→ Creating on of a user-friendly, homepage with distinct options, facilitating seamless	
	navigation through the platform. To make UI, UX better we use ASCII Art Forms.	
	5) Socket - Programming -> Utilization of Socket programming to	word
4	& clients & real-time data exchange.	5
		<u>ter</u> Id
	Working of Project: 1) Here first we launch/bind our server	
	2) After launching server it is time to launch	
	3) As client connected to server launching	
	page is display on client side after pressing enter, Client redirect to login & Registration	
—	4) Now client Have 3 Options on screen Login,	-
	Register & Exit. Client can shoose this by pressing 1, 2 & 3 resp with enter	hich
	5) of cuent choose Registration option, it redirects to registration page on which there are Some	ng. lete
	7-8 Input Fields in which client want to enter it's data. After entering this data it store into	
	a structure & this structure is send to	
	Server at same time server receives the shuckve & Stare this user data into Userdata txt File	rile
HIGH	FOR EDUCATIONAL USE	e



b) After completion of registration, one last step is remaining that create Jd& Password. So client redirect to create id password page

7) Here client enter or create it's user id & password for this process important point to be noted that client cannot create such user name which is already present. After creating & pressing enter this data send to server & server store usered & password in user txt file.

8) Now here registration process complete. Now clients redirect to login/register page again.

q) Chient now suppose to blogin. So it redirect to login page where it enter it's Credentials. this Credentials Send to serve & after this server check this in user txt give appropriate response that credentials are correct or not.

then client redirects to Homepage. On which Profiles of some users can be are displaying.

11) on and option client can see it's complete

user on the who have already register on this system on the basis different filters & parameters & gives complete Profile of that user.

(Lient logout & redirect to login/Ragistration Page:























