Assignment 1

Chat app

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# Introduction

This project is to create a chat program allowing the a client and sever to responded between each other with a socket pipe allowing the end-user and the online users to enter different chat rooms.

# Git

Git is an open source software that provides a version control system for tracking changes in computer files and coordinating work on those files among multiple people.

With using we can create a Git repository that contains readme file with information about the other files in the directory or archive of the computer software.

Commands:

Git init

Git clone allows you to clone a copy of the exiting repository from a cloud service.

Git add saves all changes in files

Git commit -m ‘updating’

Git checkout

Git merge

Git branch

Git push origin master

# Client and Server

Node.js

Socket.io

JSON

Super admin

Group admin

localStorage property allows the end-user to access storage object of useful user information

sessionStorage will get cleared when the page session is destroyed by the user leaving the page

static directory

server

# Angular Architecture

The angular architecture is quite an important part of the development of the

Components

Commands

Ng build

Ng serves

**Documentation**

Documentation of your implementation is required. You will need to provide the following:

● Describe the organization of your Git repository and how you used it during the

development of your solution

● Description of data structures used in the client and server to represent the various

entities, e.g.: users, groups, channels, etc.

● A description of how you divided the responsibilities between client and server (you are

encouraged to have the server provide a REST API which returns JSON in addition to a

static directory)

● A list of routes, parameters, return values, and purpose

● Angular architecture: components, services, models, routes