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CS 497 - Enterprise Web Development
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Homework 1

Chat Application RESTful API using ASP.net

Project title:

RESTful API for simple chat application using ASP.net.

Functionality:

In this project I will create a simple chatting web application which will use RESTful API to communicate to one user to another. The goal is to implement real time communication (Probably using SignalR).

Target Audience:

General Public. The website can be used for specific peer to peer conversation and can be saved for later usage.

Data Management:

The most of the data will be chatting messages, dates and users. There should be a log in system where the user can create an account to use the chatting system.

Web Technologies:

My project will use ASP.net, SignalR, AngularJS, Bootstrap and PostgreSQL. (I will learn PostgreSQL, if it is too complicated to use then will use Firebase for database).

Stretch Goals:

The stretch goals for the project here below:

1. Provide Real time communication and Notification system.
2. Option to send Images.
3. A button to save and archive the conversation.

Part 2 - Web Application

The web application will create RESTful API and will also include a website to display and send new messages.