

# SweetRole

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# Description

A website to allow users to collaborate and create stories, through roleplaying. Then give them the ability to share their creations with the community.



# Features

- Login/Logout/Account management.
- Multiclient persistent chat interface.
- Character creator.
- Story creator.



# Planning - User Stories

- Characters – Create and Manage all of their characters in one convenient interface.
- Stories – Share and Collaborate on stories with friends.
- Share stories with the community, and allow others to read your creations.



# Planning - Database

- Character – Contains all the information regarding a specific character (Name, DOB, Gender, Eye Color, etc...)
- Stories – Contains all the information for a Story, including scenes
- Scenes – Acts as a bridge containing information for what characters are currently involved in the scene as well as chat based interface for creating stories
- CharacterScenes – This table binds many scenes to many characters
- User – Inherited from IdentityUser and allowed me to make modifications to the standard Identity Framework User.



# Technology Stack

- C#
- ASP.NET
- Razor engine
- SQL Server
- ASP.NET Identity
- SignalR



# Demo



# What I Learned

- ASP.NET Identity – extending and working with the identity API , to manage user roles, and states
- SignalR – Learned to create a real time connection to multiple clients
- Partial Views, Asynch, and Decorators





# What's Next

- Adding Searching and Filtering
- Admin Dashboard
- JavaScript/TypeScript!

