Capstone Project 1 - Aaron Hernandez

My website will be designed for users to sign in and view news articles. The user can tag like and comment on articles. The user can also like or dislike any comments. My site will target people who enjoy reading the news and have discourse about the articles. I will use an API that compiles news articles. My database schema will be as follows:

A one to one relationship from a user to a comment. A one to many relationship from articles to users comments and also a user “like” and “dislike”. A many to many relationship for the articles and tags. I'm not sure of any problems I will run into with the API. I will need to secure the user's password and my api key. The basic user flow would look like this:

A user registers. A user logs in. A user views news articles. A user comments on a news article. A user likes or dislikes another user's comment. A user will tag an article. A user will logout.

My application utilizes Authentication so it is more than just a crud application. My stretch goals are as follows:

Create a search function that allows users to search for an article by date range, author, tag. Also create a mechanism for sharing an article to an email address.