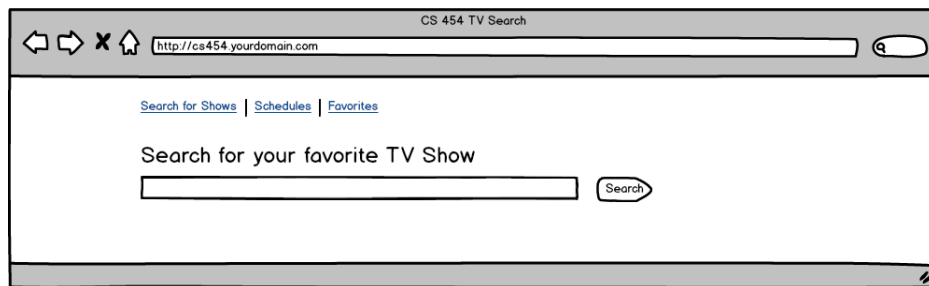## CS 454
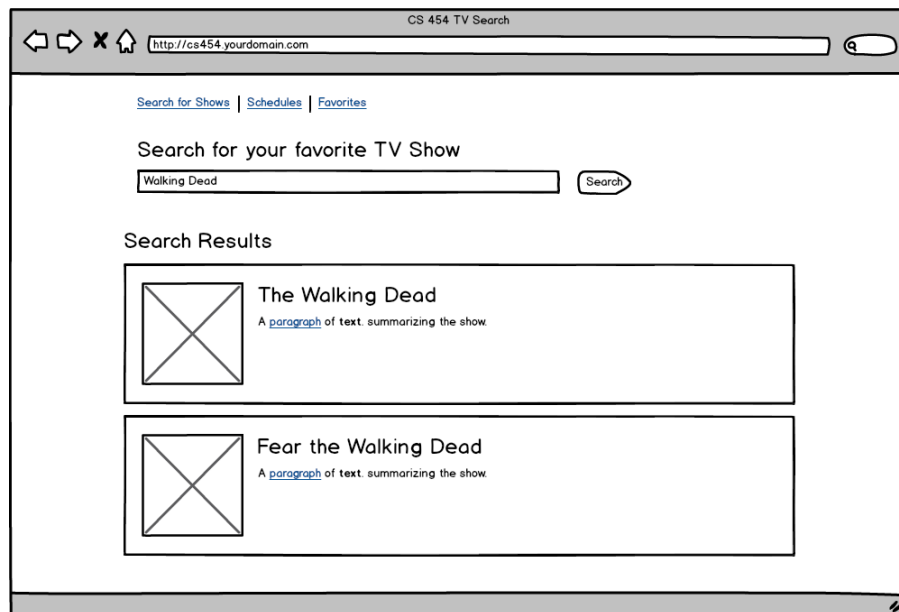
Project – Milestone 1

In this assignment you are to create a Single Page Application (SPA) that allows a User to search for a Television Show, and see all results that match the submitted query. To implement this project, you are to use AngularJS as your front-end framework, and Node.js as your back-end technology. All API calls must be routed through your Node.js application. Your front-end must not directly connect to any external APIs. Your GUI should look similar to the following:

Upon entering a search query, your application should query the TVMaze API. Your search results should include an image representative of the series, as well as an overall summary of the television show. Below is an example of what your GUI should resemble:

Grading

- **20pts** - Node.js Server API that allows the TVMaze API to be searched for Television Shows that match the submitted query
- **40pts** - Use the *factory* pattern based on *$resource* in your AngularJS application to interface with your API.
- **40pts** - Create a custom directive to render each Search Result.