Cristian Vega

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Preproduction Presentation – Proposal

Over the course of many months, learning code, design, and coding languages, I will be demonstrating the skills, knowledge, and abilities I have learned. The goal for this month is to build out a website that will be working with an API. The API I have chosen is TMDB. This API has a database full of movies that we can sort through. This website will be called “The Movie Spot”.

Some of the problems I can run into while building this website, is working with the API. As of right now the TMDB API looks to be very versatile, but I do not know the full range this API can provide. I can see topics such as “Most popular movie”, “Most popular kids movie”, or “Best movie from 2010”, but could I find out the make of that movie? Another problem area would be the design of the page. I will have to keep UI/UX in mind when working on the design. I have created a low fidelity wireframe to demonstrate the ideas I plan to use. Because these are low fidelity, it can change as I build. Finally, we have one more problem area we might face and that is what program language I will be using to accomplish this project. I do plan on using React to build my client-side framework.  
 In order to really showcase my skills I want to add an extra flare to the search function and ratings section. In the API I can see tags associated with movies. I want to use the title of the movie and the tags associated with the movies to help with the search function. As for the ratings section I would want to convert the rating percentages given into stars. I believe this would be similar to how I have done projects in the pass that deals with student grades. An example would be that if Movie A has a rating of 82% that can be converted into 4 stars. 85% would convert to 4 and a half stars.

Overall, this project will be heavily worked on this month to demonstrate the best skill I have to offer. I plan to push the boundary where its possible. The link provided below takes you to the proposal video on YouTube.   
  
YouTube Proposal: <https://youtu.be/ySJMrdLulJ4>