**TERM PROJECT PROPOSAL – “What 2 Watch”**

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**EXECUTIVE SUMMARY**

Do you often find yourself wanting to watch a movie, and then scrolling through the feed only to be discouraged after failing to identify with any of the titles? “What 2 Watch” will be launched with an effort to organize your options into an environment that provides you with a list of options that will resonate with you. One of the key advantages this platform will provide is the ability to have genre related discussions which ultimately should produce a large quantity of suggestions within the comment section alone. This will then create the opportunity for our users to copy and paste whatever might sound interesting to them in the search bar.

The user will have the option of saving any movies that spark their interest into a list of favorites. Being able to create this list will eliminate the annoying task of trying to store a friend’s suggestion in your head for some odd portion of the day. One of our main goals is to provide a comfortable platform where the user can keep their portfolio of favorites all in one place, but we also want to create an environment that ensures a quick solution to the common problem of taking too long when deciding what to watch. Our user interface will include an easy to use navigation system that will allow for quick browsing and simple solutions.

We want to encourage our users to enjoy the process of deciding what to watch, so in an effort to include the folks that like to take their time browsing, we will offer a section that allows the user to flip through a list of suggested titles two at a time. This flip section can be filtered as generally as sorting through all available titles, or as specifically as flipping through a genre that aligns with the user’s preference. Underneath each title we will present the user with the movie cover as well as a short description of the film.

Overall, what we value the most is how our users will enjoy their experience on our platform. This inspires our team to create something that everyone can relate with. Ultimately, it seems not enough thought is put into a plan of attack when it comes to deciding on what to watch, so we’ve decided to do the thinking for you.

**COMPETETIVE ANALYSIS**

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**DATA DEFINITION**

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**OVERVIEW, SCENARIOS, USE CASES**

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**INITIAL LIST OF HIGH-LEVEL FUNCTIONAL REQUIREMENTS**

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**LIST OF NON-FUNCTIONAL REQUIREMENTS**

1. Performance – Response Time, Throughput, Utilization, Static Volumetric
2. Capacity
3. Reliability
4. Maintainability
5. Serviceability
6. Security
7. Usability

**HIGH-LEVEL SYSTEM ARCHITECTURE**

**PLATFORMS**  
-Google Chrome  
-Internet Explorer

Development will focus on implementation to the above listed platforms primarily because one comes standard with one of the most widely used operating systems on the market, and the other is the most widely used browser on the market.  
  
**DEVELOPMENT LANGUAGES**  
-html <https://bootstrap4.com/hotflix-online-movies-tv-shows-cinema-html-template/>  
-CSS <https://bootstrap4.com/hotflix-online-movies-tv-shows-cinema-html-template/>  
-bootstrap <https://bootstrap4.com/hotflix-online-movies-tv-shows-cinema-html-template/>

Primary web development languages we will be using while designing the website. Html, CSS, and bootstrap will be designed and implemented in a means to give the site an appealing look that makes users want to use the website.  
  
**INTERFACING/DATABASE LANGUAGES**  
-php <https://www.php.net/license/index.php>  
-JavaScript <https://bootstrap4.com/hotflix-online-movies-tv-shows-cinema-html-template/>  
-firebase <https://firebase.google.com/terms>

Database languages will be implemented to give a secure means of connectivity. Internal Chat will be implemented allowing users to communicate their ideas regarding movies and shows. Firebase is the primary means by which we wish to use to accomplish the setup. If the interface proves to not allow full capability the aged, but well established php is a backup plan.



**TEAM**

Front End Team Leader/Scrum Master: Ryan Bates  
Back End Team Leader: Oscar Aquino  
Github/Trello Master: Elizabeth Garcia  
Product Owner: All Software Developed and owned by Group 2  
Software Developers: Oscar Aquino, Ryan Bates, Elizabeth Garcia, Jesse Kelly

**CHECKLIST**

TEAM COMMUNICATION: DONE  
TEAM MEETING: DONE  
FRONT END LEAD: DONE  
BACK END LEAD: DONE  
GITHUD MASTER: DONE  
FRAMEWORK READY: ON TRACK  
TEAM SKILLS DEFINED: ON TRACK  
TEAM LEAD CONFIRMED READY M1 SUBMISSION:ON TRACK