

**Who:** Maryam Mazadi, Sigrunn Sky, Matthew Uhlar, Nicolas Carson

**Title:** Project Netflix

**Description:** This is a web app that helps people choose what movie to watch. They choose a genre, and then a short list of movie options is given to them. The movies will be displayed in a list with ratings and a trailer so the user can see if they are interested.

**Vision Statement:** Choices are hard to make, and sometimes you want simple choices made for you. This is a Web App designed to help users choose movies based on what is playing on Netflix in the genre they specify.

**Motivation:** The motivation for making this is efficiency during the stay-in movie nights. Instead of spending time trying to agree on a movie, users can given a select few options based off what genre they are feeling.

**Risks:**

1. Lack of experience building a website from the ground up.
2. Difficulty finding meeting times for the group.
3. Working environment and language(HTML) new to several group members.
4. Getting our work done on time and task management.

**Mitigation Strategy:**

1. Team members with experience building a website from the ground up will be put in charge of this process.
2. Meet consistent times every week, instead of trying to find new meeting times every week.
3. The team members new to HTML and CSS will do a Khan Academy Tutorial to get up to speed with these web developing tools.
4. We are using Producteev for our project tracking.

**Version Control Software:** Github

**List of Requirements:****User Requirements:**

ID	Description	Agile Sizing (time est.)	Priority
US-01	As a user, I want to go to the site and choose a genre of movie so that I can get a random movie suggestion	8	High
US-02	As a user, I want to click a button and have the site give a random movie suggestion based off of my genre selection	8	
US-03	As a user, I want to get some information(IMBD, trailer) on the random movie the site suggests so that I can decide if I want to watch it or not.	5	Medium

**Functional Requirements:**

ID	Description	Agile Sizing (time est.)	Priority
FR-01	The user clicks a box with a genre on it to indicate which genres interest them most at that time.	5	High
FR-02	The user clicks a 'submit' button and	5	High

	the site chooses a random movie from the netflix library based off the user's genre selection		
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#### Non-Functional Requirements:

ID	Description	Agile Sizing (time est.)	Priority
NFR-01	<b>Reliability/Maintainability:</b> As the Netflix library changes the database of possible random movies for the site to choose from is updated to include these changes,	5	Medium
NFR-02	<b>Performance:</b> Upon clicking the submit button the site shall provide the random movie suggestion within 10 seconds (max)	3	Low

**Methodology:** Agile

**Project Tracking Software:** producteev.com

**Project Plan:**



