

The background of the slide is a stylized illustration of a movie theater. In the foreground, the silhouettes of an audience are seated in rows, facing the screen. The theater walls are lined with movie posters. On the left, there are two posters for 'ACTION' movies, one featuring a man's face and another with a car. On the right, there are posters for 'HORROR' (featuring a monster) and 'COMEDY' (featuring a man with a mustache). The central movie screen displays a collage of movie-related images: a clapperboard, a man, a woman, and a monster. Overlaid on this scene is the title 'MOVIE TRACKER' in large, white, 3D block letters. The letter 'O' in 'MOVIE' is replaced by a film reel icon.

MOVIE TRACKER

Movie Tracker Application – by Nicoding

The background is a stylized illustration of a movie theater. In the foreground, the silhouettes of an audience are seated in rows, facing the screen. The screen itself is framed by a decorative border of small lights. On the screen, there's a collage of movie-related imagery: a clapperboard, a couple in a romantic pose, and a creature. To the left of the screen, there are two posters for 'ACTION' movies, one featuring a man's face. To the right, there are posters for 'HORROR' (featuring a monster) and 'COMEDY' (featuring a man with a surprised expression). The overall lighting is dim, typical of a theater, with the screen being the brightest area.

MOVIE TRACKER

Your movie universe

Elevator pitch

DESCRIPTION

Concept

Key Features:

Movie Search:

search for movies by title, modal popup when movie poster is clicked, trailer embedded in modal

Actor Search:

actor's profile: a short overview, their picture and 3 highest rated movies

Watchlist Feature:

users to create and manage a personalized watchlist

User-Friendly Interface:

clean and intuitive design, responsive search bar and easy to find watchlist button



MOTIVATION

Concept

PASSION



+

**SOLVING
A REAL
WORLD
PROBLEM**



WE LOVE WATCHING MOVIES

BUT STRUGGLED TO PLAN MOVIE
NIGHTS ACROSS SO MANY
STREAMING PLATFORMS.

WANTED TO CREATE AN APP THAT
WOULD MAKE MOVIE NIGHTS EASY
PEASY AND ANSWER THE AGE-OLD
QUESTION "WHAT HAVE I SEEN THAT
ACTOR IN BEFORE?"

USER STORY

Concept



AS A movie fanatic

I WANT to be able to see which films are trending right now, search for movies by title, watch the trailer, see how many stars it has, read the movie summary, check out who the main actors are, find out information about actors, and add movies to a watchlist.

SO THAT I can organize my movie watching

TASK MANAGEMENT

PROCESS



The screenshot shows a Trello board titled "NICODING: Movie Tracker". The board is organized into four columns: "To-Do", "In Progress", "Done", and "Questions". Each column contains several cards with progress bars and titles. The "To-Do" column has one card: "Submit Links to Bootcamp". The "In Progress" column has four cards: "Fix CSS for the Overview in Watchlist Cards", "Styling the Modal", "User Walkthrough Video: Film + Upload to ReadMe", and "Powerpoint Slides". The "Done" column has four cards: "Move Trailer from Homepage Cards to Modal", "Apply Bootstrap for the Actors Results Page", "Widen the Homepage Cards", and "Re-do logo + test event listener for it". The "Questions" column has two cards: "Should we make our site background the ppt background?" and "Is it worth paying for Github premium to get the larger video allowance?". Each column has an "Add a card" button at the bottom.

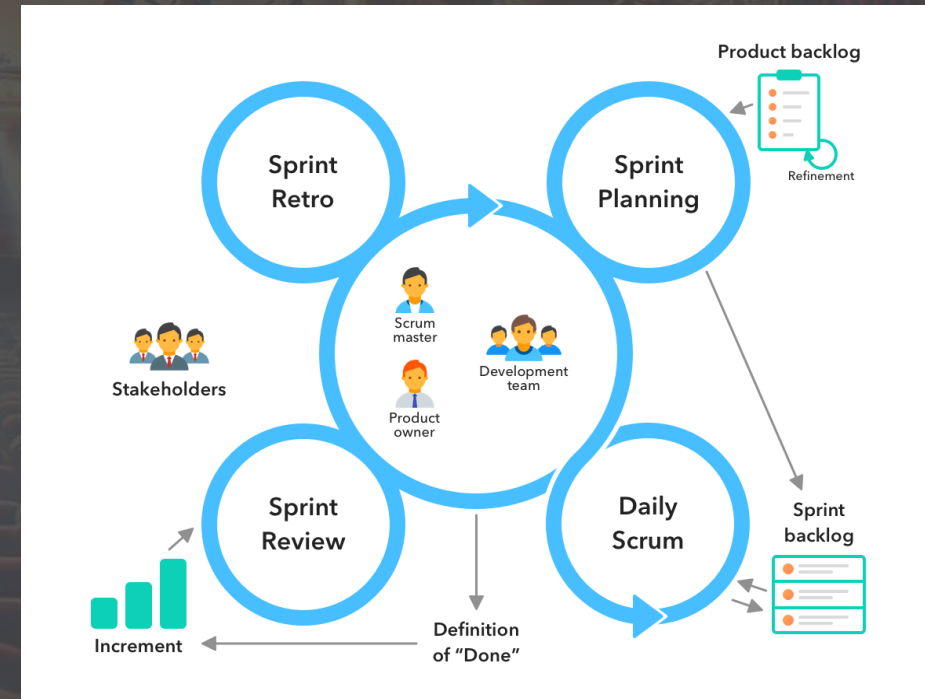
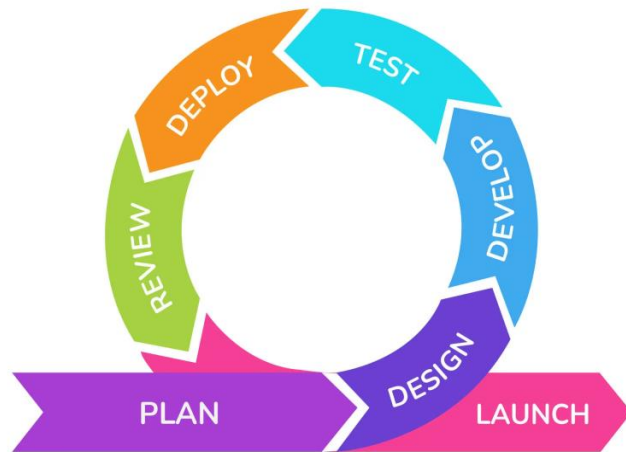
To-Do	In Progress	Done	Questions
Submit Links to Bootcamp	Fix CSS for the Overview in Watchlist Cards	Move Trailer from Homepage Cards to Modal	Should we make our site background the ppt background?
	Styling the Modal	Apply Bootstrap for the Actors Results Page	Is it worth paying for Github premium to get the larger video allowance?
	User Walkthrough Video: Film + Upload to ReadMe	Widen the Homepage Cards	
	Powerpoint Slides	Re-do logo + test event listener for it	
	ReadMe Doc		

PROJECT MANAGEMENT

PROCESS

WE IMPLEMENTED AGILE SOFTWARE DEVELOPMENT
METHODOLOGY USING THE SCRUM FRAMEWORK

AGILE



PROJECT MANAGEMENT

PROCESS

SCRUM VALUES + PILLARS HELPED GUIDE OUR TEAM BEHAVIOUR



COURAGE

Scrum Team members have courage to do the right thing and work on tough problems



FOCUS

Everyone focuses on the work of the Sprint and the goals of the Scrum Team



COMMITMENT

People personally commit to achieving the goals of the Scrum Team



RESPECT

Scrum Team members respect each other to be capable, independent people



OPENNESS

The Scrum Team and its stakeholders agree to be open about all the work and the challenges with performing the work

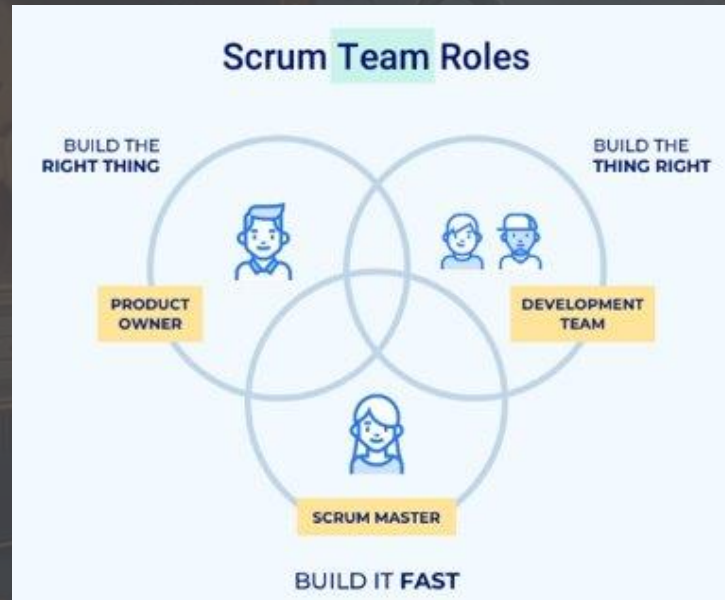
© Scrum.org

Scrum - Empiricism



ROLES

PROCESS



SCRUM TEAM ROLES : These were initially assigned, but as the project progressed, we all ended up taking on each role. This was due to team size, project timeline + project requirements.

Product Owners: Understand the Customer Requirements, Create + Manage the Product Backlog based on Requirements.

Scrum Master: Facilitate Daily Standups, Manage Scope Creep, Retrospectives (Areas for improvement + actioning tasks), Sprint Review.

Development Team: Deliver Allocated Work, Highlight Issues + Successes

ROLES

PROCESS

TASK MANAGEMENT



JESS: Queen of JavaScript +
Scrum Master

We made sure tasks
were clearly allocated to
specific team members.



KYLE: CSS Mastermind +
Development Team

However, reaching the "it is
done" point was an iterative
process with collaboration
and input from everyone.



SARAH: Html + CSS Wizard +
Product Owner

Initial Plan



OMDb API

The Open Movie Database

Purpose:

- Retrieve

- Movie actor videos

Limitations:

- Unprofessional look

Purpose:

- Retrieve

- Movie data
- Actor data

Limitations:

- Unable to retrieve actor data
- Limited movie data

Modified Plan

The logo for The Movie Database (TMDB) is displayed on a dark blue square. It features the words "THE", "MOVIE", and "DB" in a light blue, sans-serif font. The "O" in "MOVIE" is replaced by a light blue circle, and there are light blue horizontal bars above and below the word "MOVIE".

THE
MOVIE
DB

Purpose:

Able to retrieve:

- Actor
 - Information
 - Headshots
 - Overview
- API Limit: No daily limit

The YouTube logo is shown in its standard black and red colors. Below it, the text "Data API v3" is written in a red, sans-serif font.

You Tube
Data API v3

Purpose:

- To show movie trailers

Limitations:

- API limit:
100,000 units per day

Journey

Initial Ideas

Brainstorming



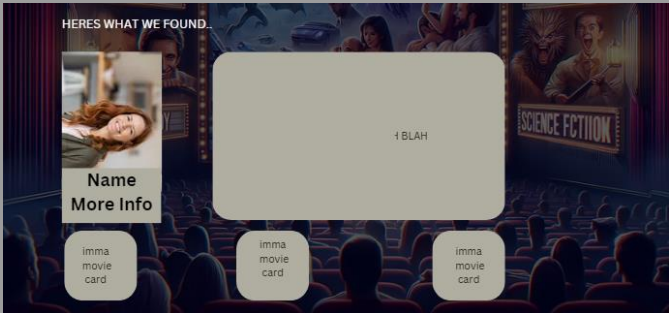
Ideas list based off public API's:

- Weather app
- Language Translation tool
- Financial tracker (Tracks and analyses personal finances)
- Travel planner (maps, accommodation, transportation, links to other people in area)

Landing Page



Actors Search



Modal popup



Functionality



Testing



- Screen sizing (responsiveness of webpage)
- Modal appearing when poster image is clicked by user
- Titles change when buttons are clicked
- Both search bars working correctly and return correct data
- Watchlist icons - when eye icon is clicked it changes colour and is added to watchlist
- Everything is legible for users
- User accessibility - for users that have issues with sight



CHALLENGES

Process



Limitations with YouTube V3 API



Merging CSS styling at the end



Last minute adding the modal feature



Colour coding stars to rating



Headers changing when page is loaded or watchlist button is clicked

- Adapted webpage to fit the API better
- Went through CSS as a group to find mistakes
- Asked for help
- Went over code assigning colours
- Modified code in js to hide and show headers when necessary

SUCCESSSES

Process

- ✓ Learning journey + skill development.
- ✓ Gained confidence (even got over fear of API doc's + modals).
- ✓ Achieved (most of) our crazy ideas + created something we're proud of that met project requirements.
- ✓ Became the dream team (fab communication, collaboration + problem solving even if we do say so ourselves).
- ✓ Enjoyed the process (many laughs + minimal tears).
- ✓ Merged changes without completely breaking the app and/or our team spirit.
- ✓ Created an encouraging environment for ideas and a safe environment for mistakes.
- ✓ Overcame challenges (and errors!!!) together.

Website Features

Successes

- ✓ Mobile Responsive, clean and polished UI, intuitive and easy to navigate UX.
- ✓ Nav Bar with Search Bar for Movies, Search Bar for Actors, Logo and Watchlist Button.
- ✓ Logo returns user to homepage.
- ✓ Homepage features movies that are trending right now.
- ✓ Homepage cards feature movie title, image, color-coded star rating and add to watchlist button.
- ✓ When users click on the movie image, they will see a modal showing movie overview, main actors and a trailer video.
- ✓ Users can press the x to exit out of the modal.
- ✓ Users can view movies they've added to the watchlist by clicking the watchlist button on the right-hand side of the header/navigation bar.
- ✓ Watchlist Movies are saved to local storage and movie cards in the watchlist feature the movie title, image, star rating and overview.
- ✓ The Movie Search bar allows users to search for movies by entering a word(s). The returned movie cards have the same features as the homepage cards.
- ✓ The Actor Search bar allows users to search for actors by entering their name.
- ✓ The returned actor's cards feature actor name, actor headshot image, actor information and biography, and images of movies they're known for.

Lights, Camera Action:



Directions for Future Development

Future



Integrate "genre" category into search feature



Merge search bar into one



Be able to categorise movies within the watchlist
(For girl's night, date night, Christmas time etc)



Add a remove from watchlist button in the watchlist cards



Machine learning – Use predictive modelling to predict movies that the user would like

Links

GitHub: <https://github.com/KyloGG88/NicodingProject1>

URL: <https://kylogg88.github.io/NicodingProject1/>

Power point: https://emckclac-my.sharepoint.com/:p:/r/personal/k20126123_kcl_ac_uk/_layouts/15/Doc.aspx?sourcedoc=%7B642d9bca-7f18-4678-b17d-2c069c937864%7D&action=default&fromShare=true&cid=209a2122-308e-480c-a46c-89cf65e24df3&_SRM=2%3AS%3A85&file=Presentation%20front%20end%20group%20project.pptx

