

Data visualization

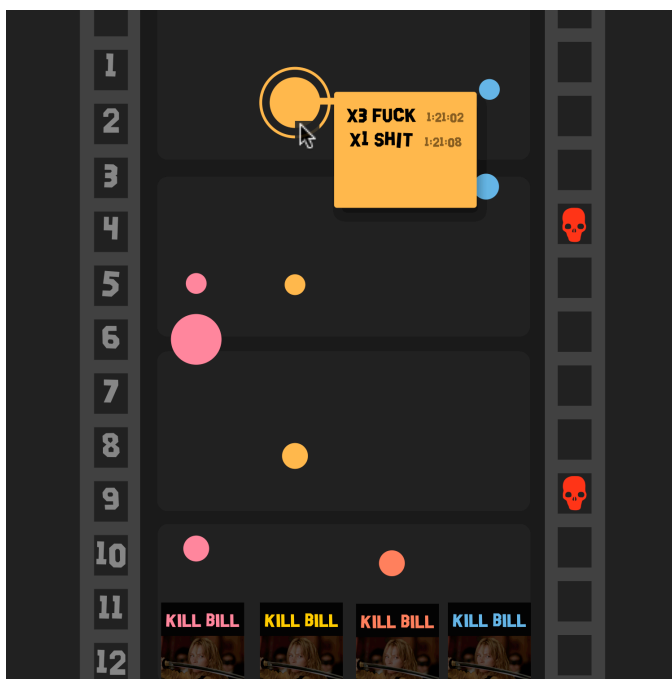
milestone 2

Project goal

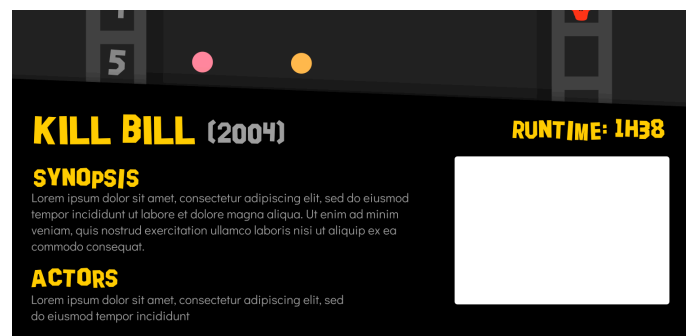
The goal of the project is to provide an original way of visualising the occurrences of swear words in Tarantino movies. The main idea will be to navigate along a film reel, with the minutes on the left and dot representing the amount of cursed words said during the minutes. On the right, we would add a skull indicating a death occurring in this minute. Hovering the mouse on the dot would display the swears used and the timestamp. Similarly with the deaths, you will see the movie's name, the amount of deaths and the timestamp.

If you click on the movie title/image at the bottom of the screen, it would extend the movie sheet, with basic informations about it, such as the synopsis, images, actors.

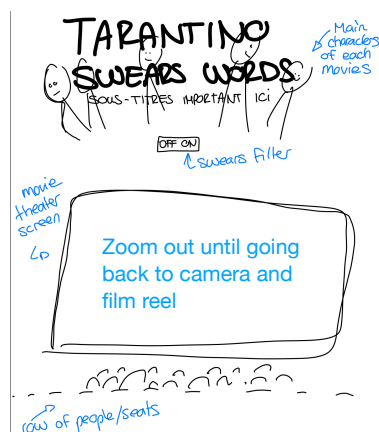
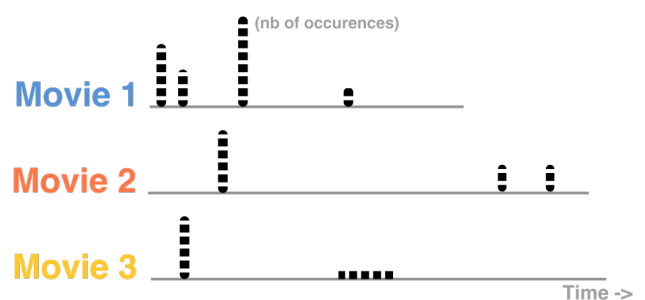
SKETCH/PROTOTYPE



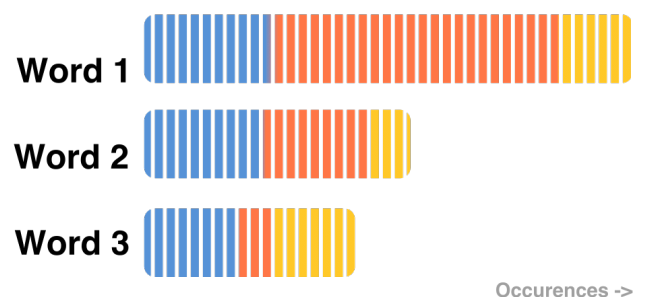
Film reel (MVP)



Movie modal (MVP)



Animated title (Extra)



Data overall view (MVP)

TOOLS

On the following table, the entries in blue will represents the extras, the rest will be the MVP

	Title + zooming	Film reel	Movie pop up	data overall view
Course 4.2	Zooming	creating dots, svg or css generated background	read json	create dots/bars for graphs
Course 5.1		Mouse hovering shows swears, partitioning data Filtering: replace swears with other words by clicking a button	clicking on movie for movie info modal	Filtering: replace swears with other words by clicking a button Interaction between graphs (clicking on one graph update the other)
Course 5.2		Scaling dot according to number of swears		
Course 6.1		Colour perception: separate movie with colours	Colour perception: separate movie with colours	Colour perception: separate movie with colours
course 6.2		Channel properties: position, colour, volume (the dots)		Channel properties: position, colour, volume (the dots)
Course 9		Text representation through the dots		
Course 11.2		Plots (dots)		Different plots for (inter) movie statistics
Course 12.1	Story-telling (the viewers enters the experience by zooming in to the movie screen)	Story-telling (the viewers sees the movie advance by scrolling, the swears by seeing the dots, the death by seeing the skulls		

CORE PIECES & EXTRAS

Our project consist of three core visualisations:

- 1) The film reel. The pieces to implement this part are: the reel, the movie tab, the dots, the numbers, the skulls.
- 2) The movie modal. Here, a simple modal displaying the basic movie information is enough
- 3) The overall data stats and comparison.

The extras are the following:

- 1) Swear filters
- 2) Slider for discretisation of movies minutes (base minimal unit is 1 minute)
- 3) Animated title zooming into theatre
- 4) Additional info on word family/movie when clicking/hover on the overall data charts

Prototype preview

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