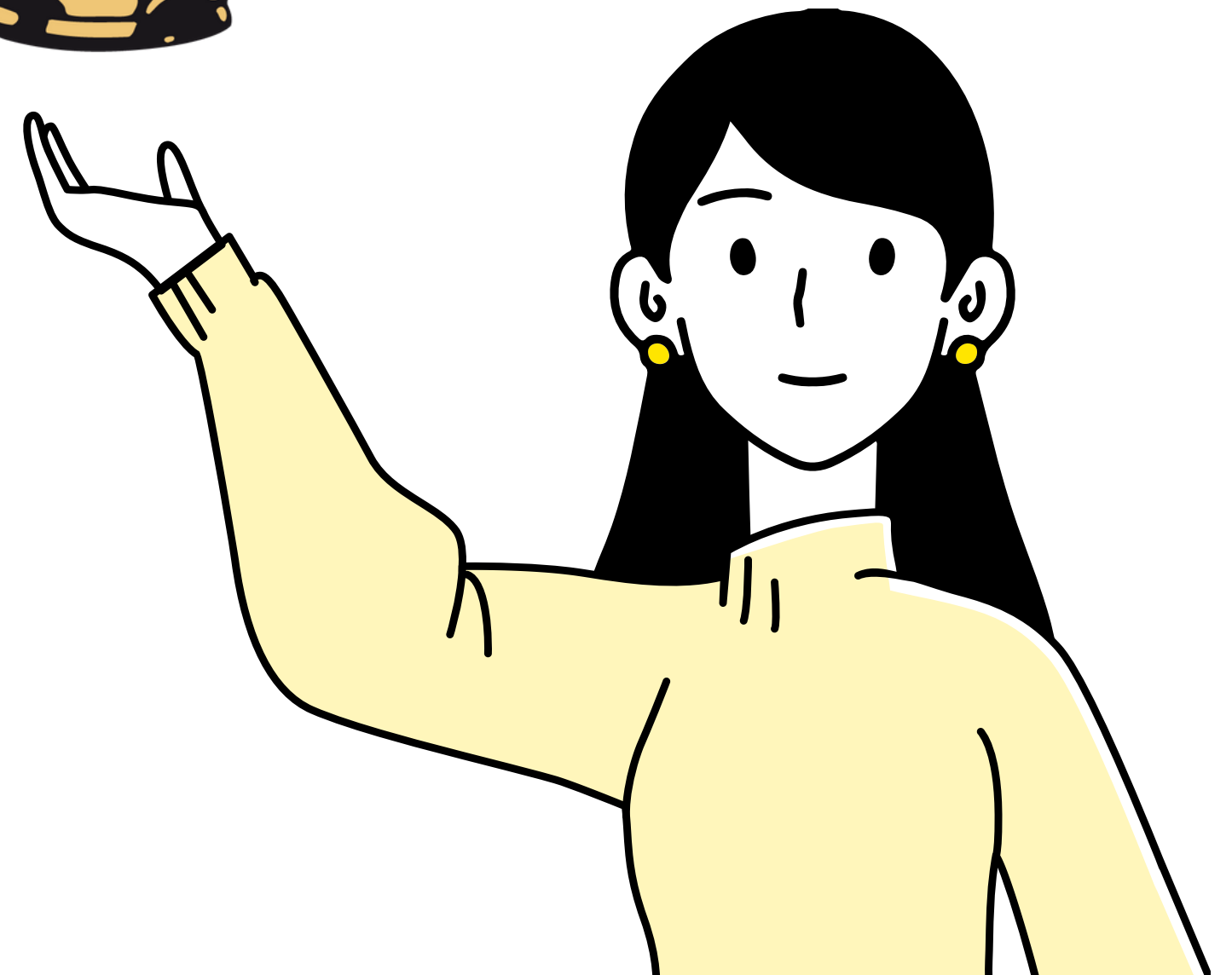
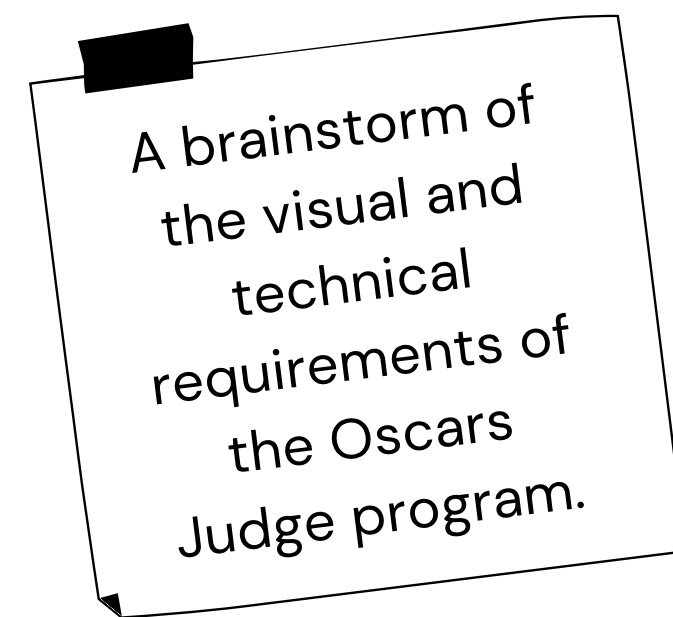
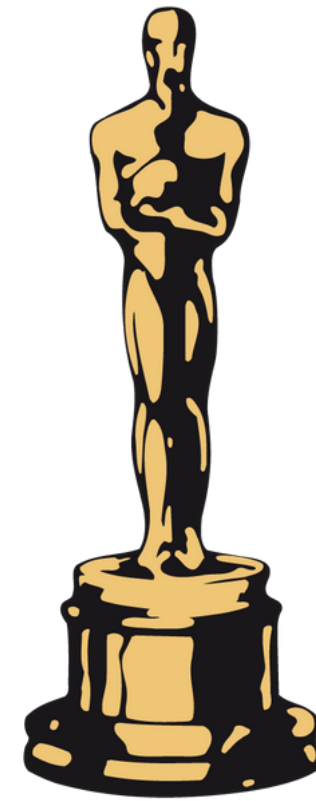
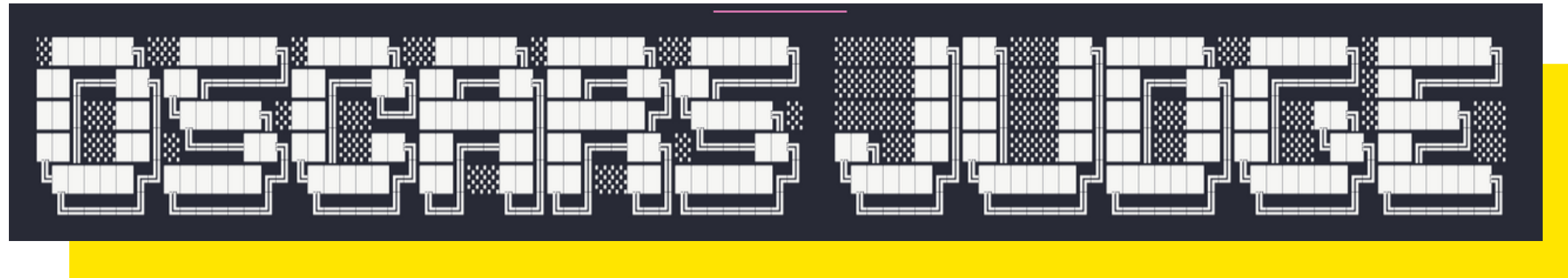


Oscars Judge Terminal App



Today's Agenda

May 25, 2021



1

Purpose and Features

3

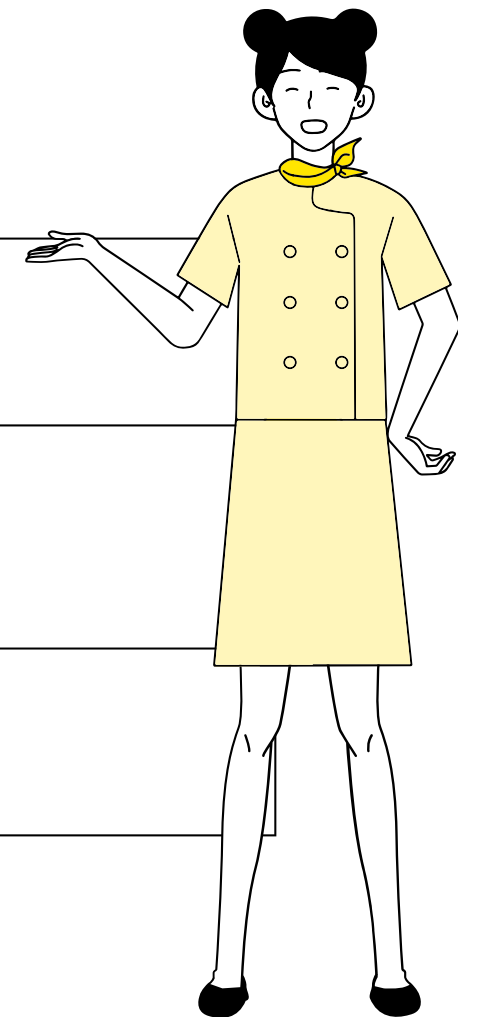
User Interaction

2

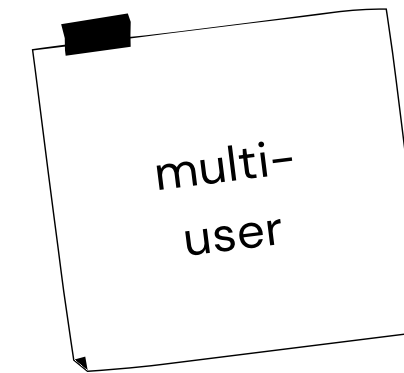
App Structure

4

Code Overview



Statement of Purpose



The Oscars Judge Terminal App is a multi-user, multi-session Oscar's experience, presenting the user with a database on the nominees and winners of every annual Academy Awards category.

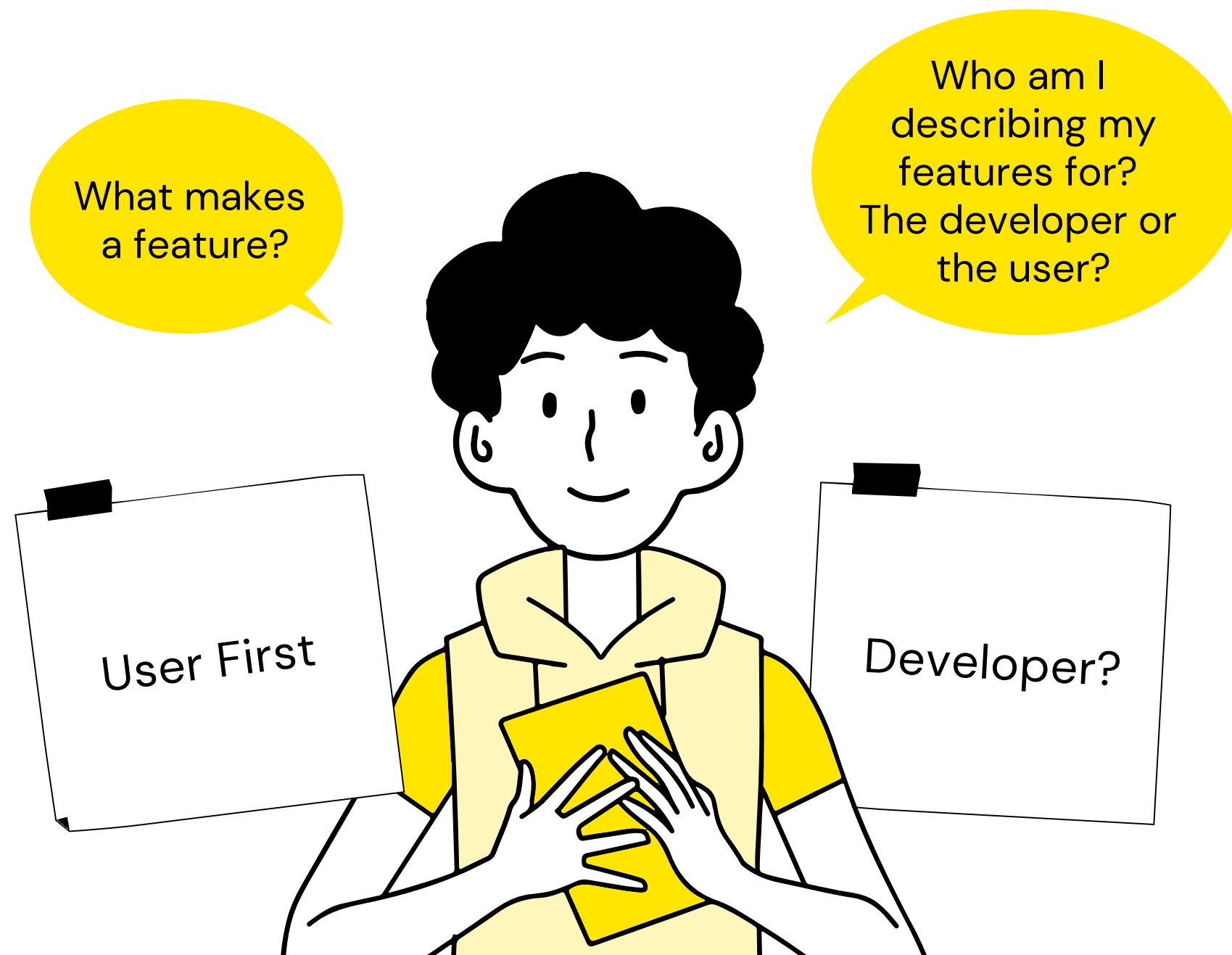
Users can create a profile to store 'Favourite List' and 'To Watch List', and set ratings on the movies they loved and hated (feature not yet available).

The avid moviegoer will love the ease of movie information and the ability to store their rating and movie review (currently unavailable) in their 'Favourite List'.

The app is great for the indecisive user who finds it difficult to find quality movies. The 'Random Movie Selector' will narrow down the search for the user, provide a movie choice, and exiting the app to watch.

Users can return and start from where they left off to update their profiles and discover what to watch next.

Main Features



1

User Profile Creation

2

Creating Interactive Lists

3

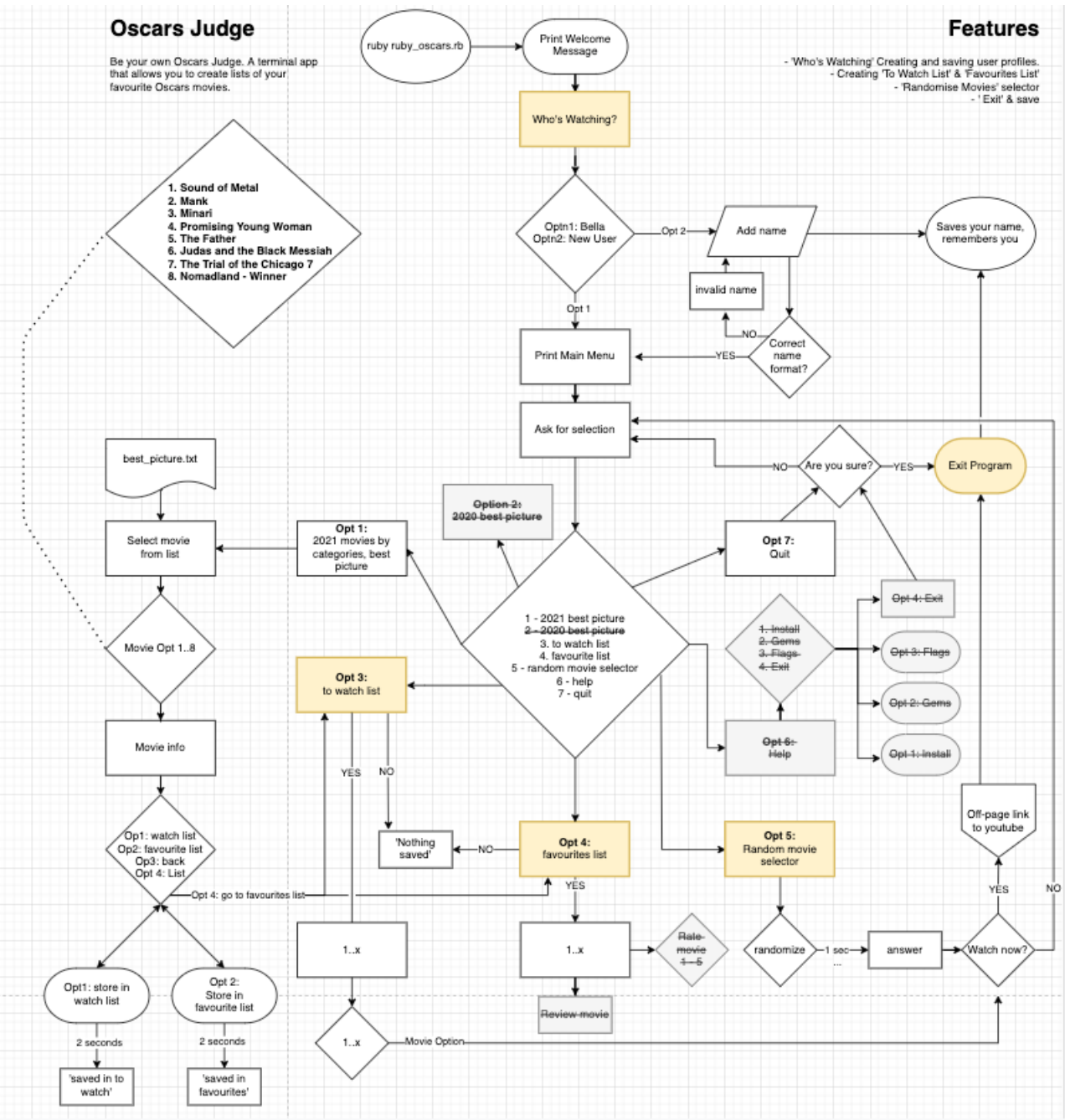
Randomise Movies

4

Saving Sessions

Data Flow Diagram

May 25, 2021



Highlighting Key Features

Greying out unused upcoming features

Is it wise for app production to take people away from the app?

favourite part! Helped me understand the flow!

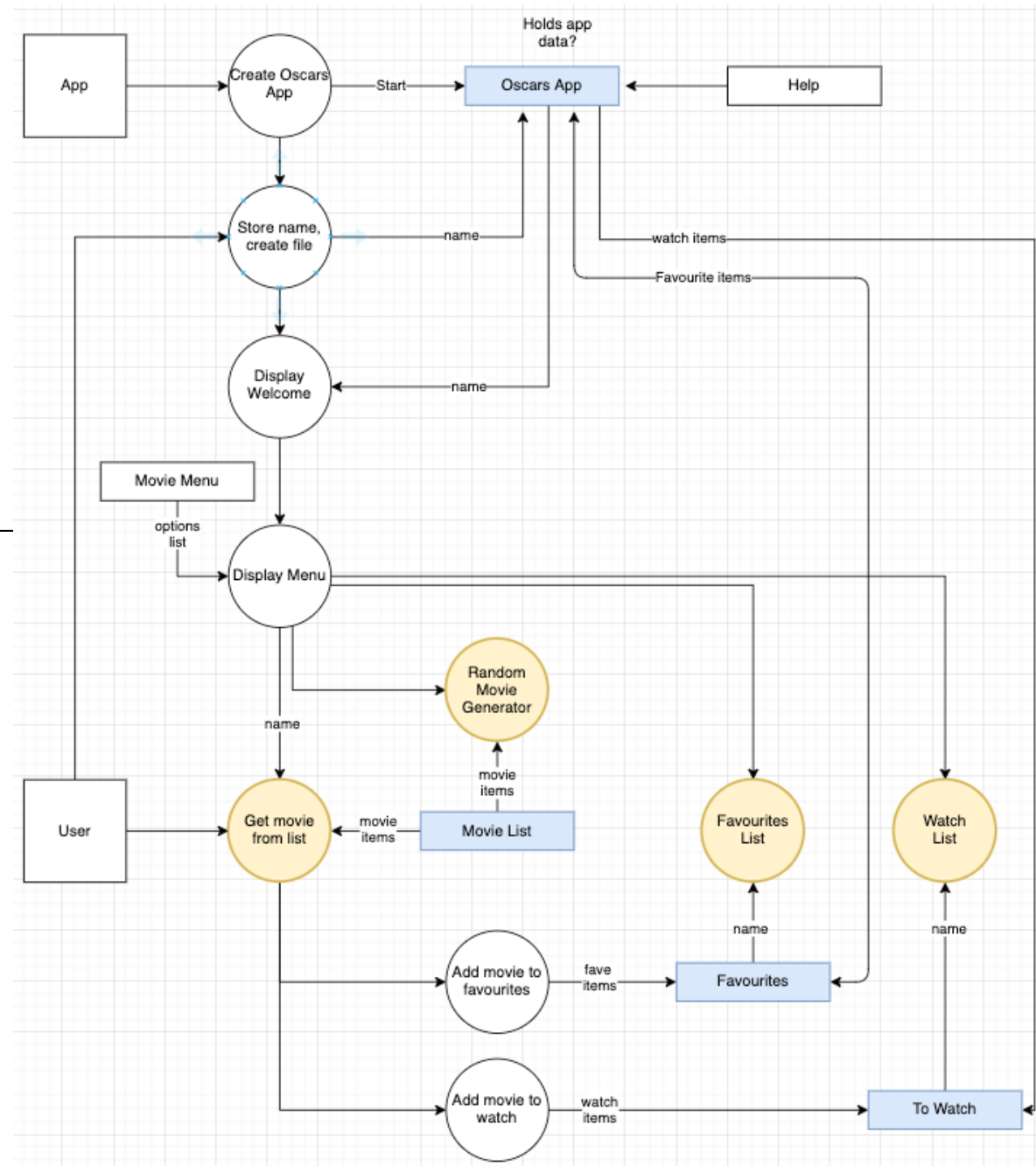
How much data can I use before I breach copyright?

Yourdon and Coad chart

Showing Control flow and Loops with YES / NO

Connect to Data-flow and interface-flow





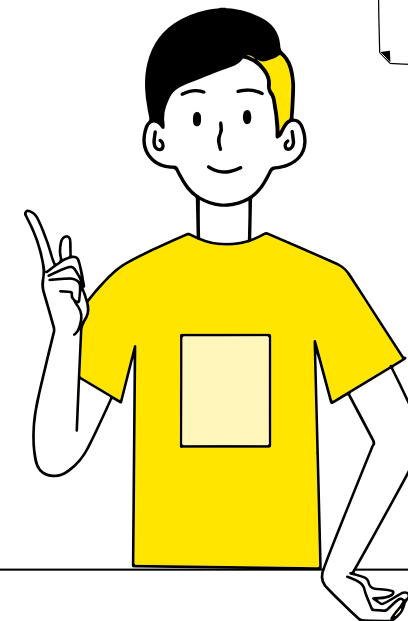
Data is stored
in Oscars App
txt files

Ethical
Question?
Do I have to ask
permission to
store data?

Highlighting key data input and output points

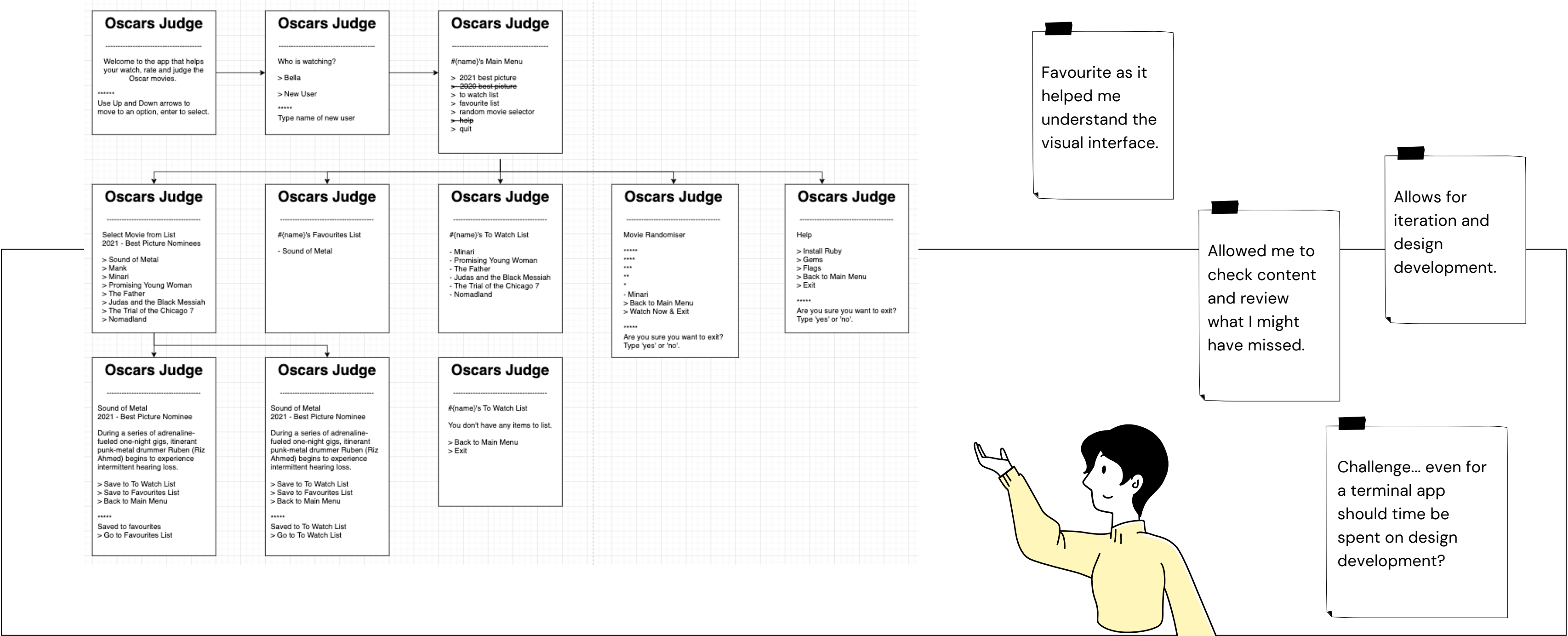
Challenge...
What is the difference between my features and data points?

Highlighting Key features

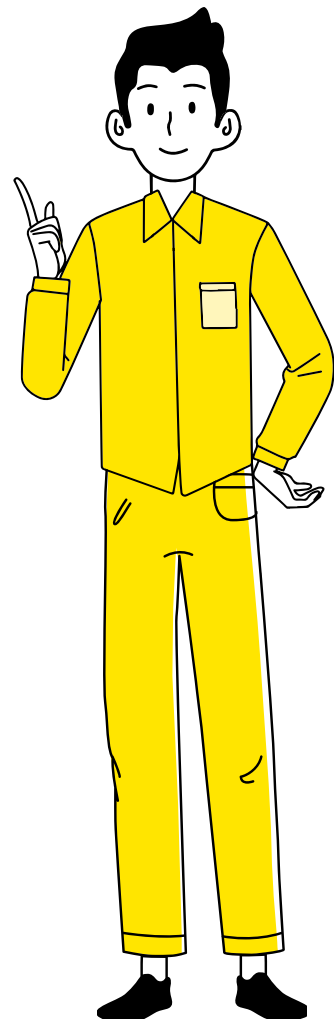


Interface Flow

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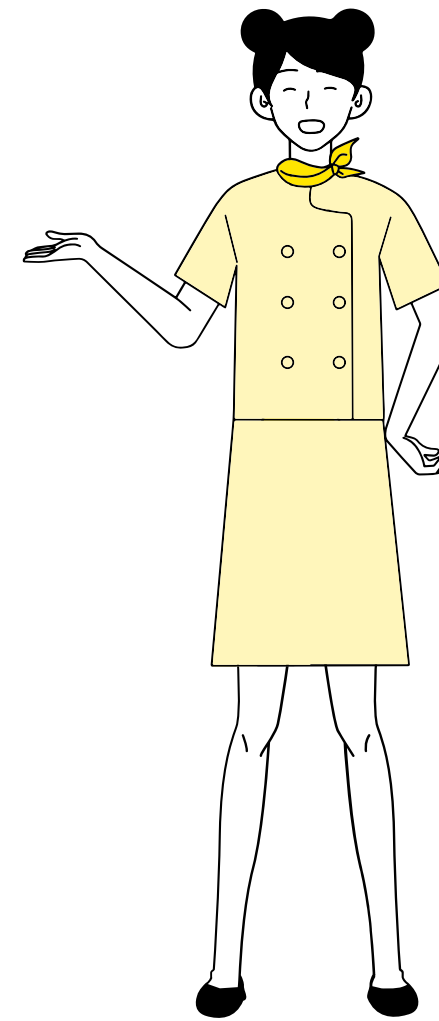


User Interaction



Name of Character:

Keanu Reeves is an avid moviegoer and puts time into what they want to watch and critiquing what they've seen.

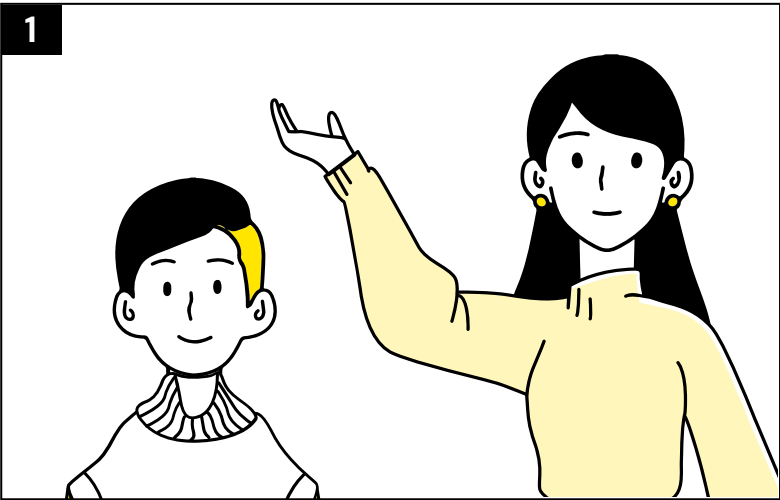


Name of Character:

Carrie Fisher is uncertain and isn't that into watching movies and can never decide.

User Interaction Scenario

May 25, 2021



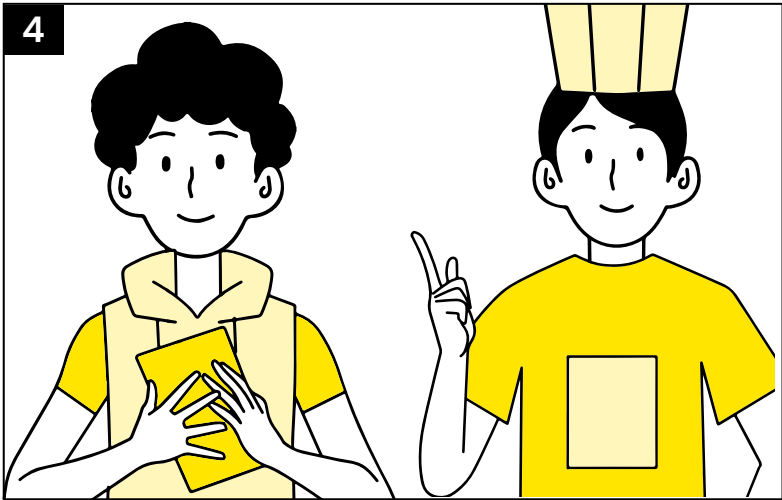
It's a beautiful day! Why don't we spend it indoors in front of a screen?



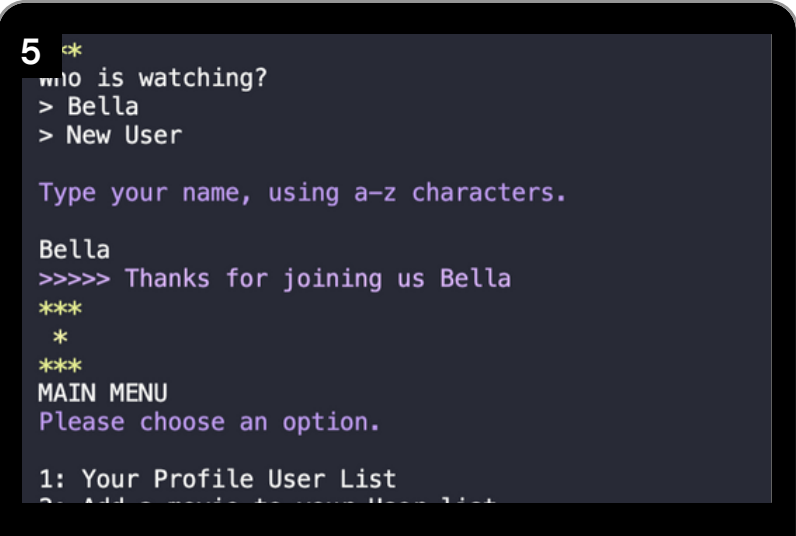
I don't want to spend hours choosing! Let's find a more efficient way to choose a movie. What about one of those Oscars Movies?



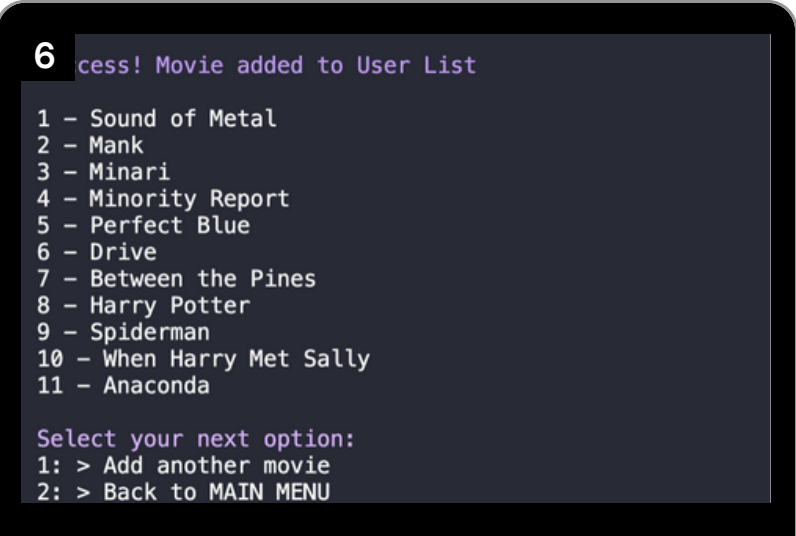
Let's use the Oscars Judge Terminal App to find a movie. We can both create a profile!



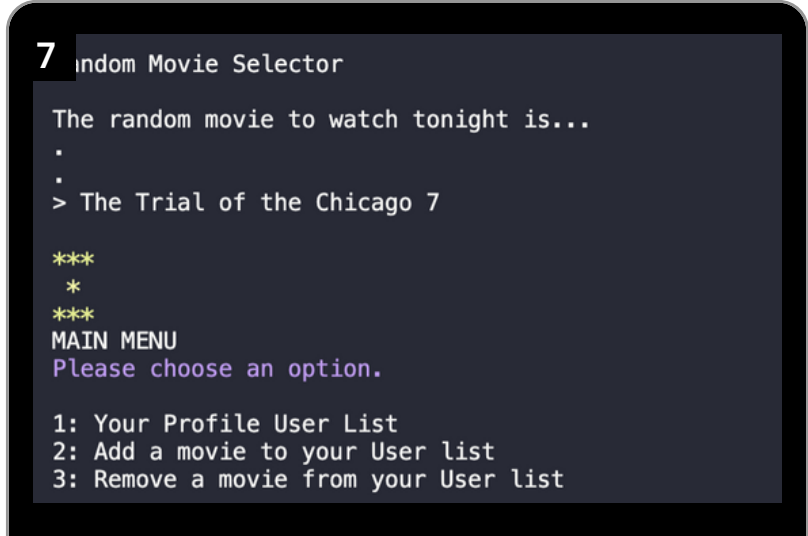
I'm more of a movie n00b so I'm going to use the app to build my repertoire. While you're an avid moviegoer and want to be able to rate and critique.



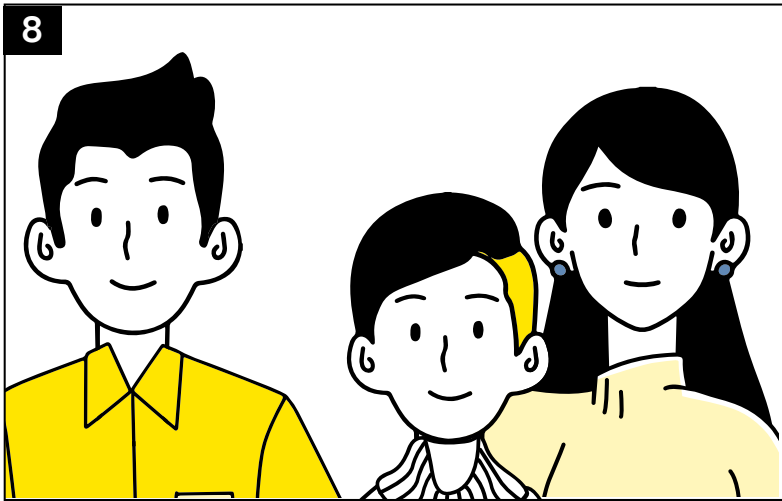
Keanu the avid moviegoer has already created a profile and it's still remembered her and the past lists. Whilst movie n00b can set up a fresh new user profile.



That's a long list of movies you want to watch! But we still can't decide.



The randomiser has selected a movie from all categories of the Oscars. The movie to watch tonight is The Trial of the Chicago 7.



.After the movie was selected the users could exit knowing their session had been saved. Everyone was happy with the randomized movie output. They sat and watched the movie together.

User Profile Creation

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User Profile Creation Allows a user to create a profile that stores the data they create and remembers it for future sessions. The User Profile Creation caters to multiple users.

On creation of a new user, the data is stored in an array which is assigned as a variable defined by the users name. @name = bella ? Within the array profile, we store user lists such as @watchlist and @favourite arrays. When a user is attempting to make a profile a conditional control structure will check if the name contains any invalid numbers or symbols. This is where 'invalid name' error handling will take place.

To SAVE the user just has to exit via prompt and Saving Sessions feature will execute.

Error handling for User Profile Creation is set for name input, ensuring only english a-z characters are used, no symbols or numbers.

Control flow will stop on invalid user name, displaying a prompt to enter a new name and the reason why.

Creating New Lists

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Creating New Lists is for @watchlist and @favourite lists and is defined by the user and stored in the user profile. Lists can be accessed whilst in the main menu.

\$watchlist and \$favourite are global variables because they can be accessed across multiple features. variable movie names are accessed to pull the entire movie info to move into either list.

there are no loops only printing of the array of variable movie title names.

If nothing has been saved in the lists a 'nothing saved' error message is printed.

If the movie is already in either list error handling will display 'movie not added. Movie already in list'.

When they want to view either list, it is available to select through the main menu. If the lists are empty, error handling will display 'You don't have any items to list.'

Add a movie to the list

```
1 - Sound of Metal
2 - Mank
3 - Minari
4 - Minority Report
5 - Perfect Blue
6 - Drive
7 - Between the Pines
8 - Harry Potter
9 - Spiderman
10 - When Harry Met Sally
```

Enter the movie name:

> Anaconda

Success! Movie added to User List

```
1 - Sound of Metal
2 - Mank
3 - Minari
4 - Minority Report
5 - Perfect Blue
6 - Drive
7 - Between the Pines
8 - Harry Potter
9 - Spiderman
10 - When Harry Met Sally
11 - Anaconda
```

Select your next option:

```
1: > Add another movie
2: > Back to MAIN MENU
3: > Exit App
```

Randomise Movies

May 25, 2021

Randomise Movies When a user can't choose what movie to watch they have the option in the main menu to randomly output a movie from the entire movie list. On selection, it executes watch now and exits users directly to an external website.

It randomises the variable movies names and their youtube link value.

Loop control structure for random variable movie name output. On answer user has conditional control structure to 'watch now' and exit or 'go back' to main menu.

possible error handling if user receives movies that they have favourited.

```
Random Movie Selector

The random movie to watch tonight is...
.
.
> The Trial of the Chicago 7

***
*
***
MAIN MENU
Please choose an option.

1: Your Profile User List
2: Add a movie to your User list
3: Remove a movie from your User list

4: The 2021 Best Picture Films
5: View To Watch List
6: View Favourite List

7: Random Movie Selector
```

Error handling to display 'You've seen this film' is not yet set up on Randomise Movies feature yet.

Saving Sessions

May 25, 2021

Saving Session is setup initially by User Profile Creation feature. It allows users to return to where they left off.

When users decide to exit the program their data is automatically saved into their profile @name variable and @watchlist @favourites into their allotted key values.

All end points offer a conditional control structure before exiting 'are you sure'? If no, it loops back into main menu selection.

Error messages must be displayed if saving does not complete at exit.

```
***
Who is watching?
> Bella
> New User

Type your name, using a-z characters.

Bella
>>>> Thanks for joining us Bella
***
*
```

```
***
MAIN MENU
Please choose an option.

1: Your Profile User List
2: Add a movie to your User list
3: Remove a movie from your User list

4: The 2021 Best Picture Films
5: View To Watch List
6: View Favourite List

7: Random Movie Selector

8: Exit App
***
*
```

Error handling is not yet set up for Saving Sessions. If something goes wrong on exit or the save does not occur a message will display 'save error – goodbye'.

Bella Leber Smeaton – T1A3
– Software Development Plan
– Code Overview

Installation + Dependencies

May 25, 2021

README.md install



```
***
Who is watching?
> Bella
> New User

Type your name, using a-z characters.
Bella
>>>> Thanks for joining us Bella
***
*
***
MAIN MENU
Please choose an option.

1: Your Profile User List
2: Add a movie to your User list
3: Remove a movie from your User list

4: The 2021 Best Picture Films
5: View To Watch List
6: View Favourite List

7: Random Movie Selector

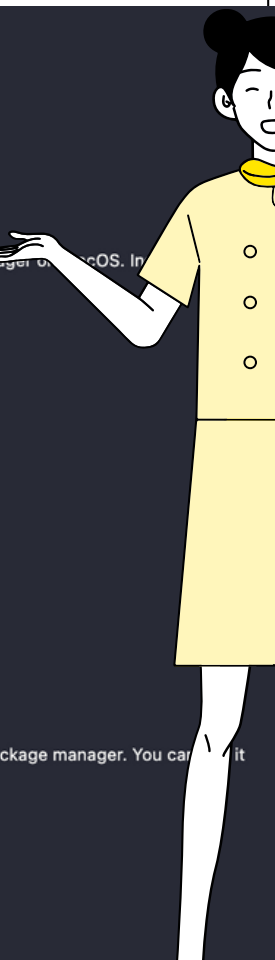
8: Exit App
***
*
***
```

Colorize

Insert short description of character here. Personality, fashion, role in the story and etc.

TTY-prompt

Insert short description of character here. Personality, fashion, role in the story and etc.



```
Installation
This Oscars Judge Terminal App requires,
• Ruby 3.0.1 installed for operation.
• Ruby Gem Bundler Install Ruby Gems: Colorize, TTY-reader.

Ruby 3.0.1 install information here,
• Homebrew (macOS)
Ruby versions 2.0 and above are included by default in macOS releases since at least El Capitan (10.11). Homebrew is a commonly used package manager on macOS. Installing Homebrew is easy:

$ brew install ruby

• You may already have ruby installed on your computer. To check which version is installed type in your terminal emulator,
$ ruby --version

• rbenv to manage multiple installations/versions of Ruby. rbenv allows you to manage multiple installations of Ruby.

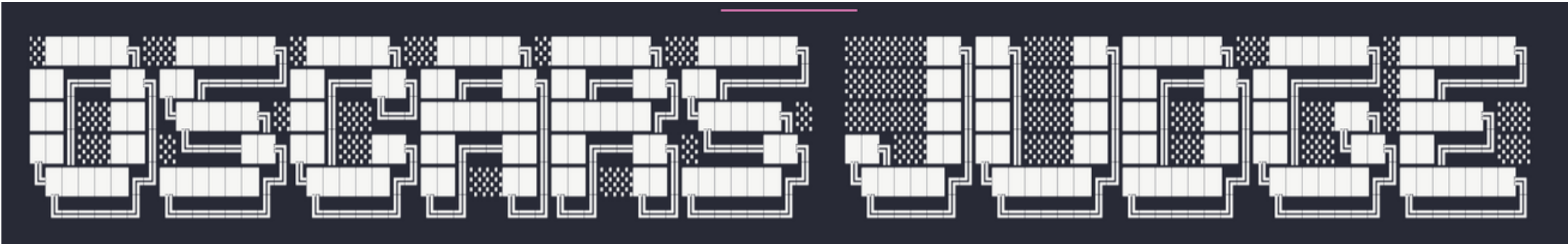
• To update to version required,
$ rbenv install -list
#select from available versions
#set to global version...
$ rbenv install 3.0.1
#check ruby version
ruby --version

• Windows
Check out the RubyInstaller as it gives you everything to set up a full Ruby environment.

• Linux/UNIX
You can use the package management system of your distribution or third-party tools (rbenv and RVM). Debian GNU/Linux and Ubuntu use the apt package manager. You can install it like this:

$ sudo apt-get install ruby-full

Ruby Install Bundler to manage the Oscars Judge Terminal App gem dependencies.
• Bundler is an easy way to install all gem dependencies.
• $ bundler install
```

What's Next?

What are character notes, props, and other technical aspects we need to consider once we execute the ideas in our storyboard?

Ratings

Reviews

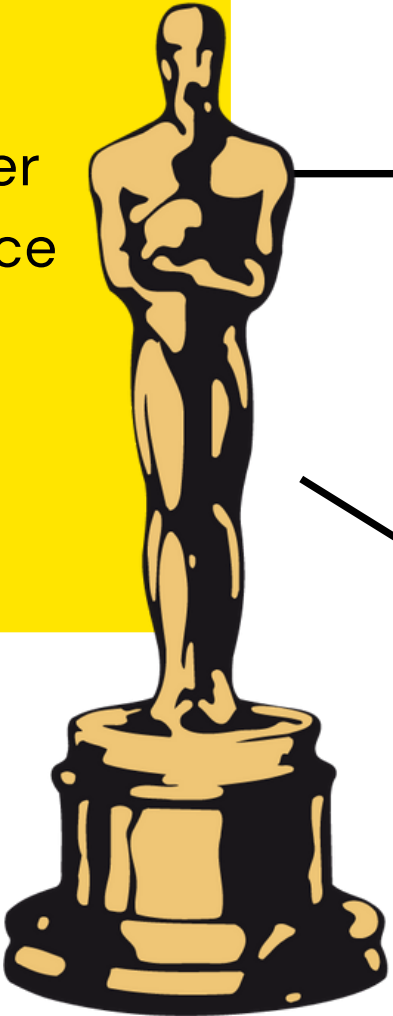
DRY

Age filter

JSON

APIs

Larger Darabase



Review

CHALLENGES

1 Testing + RSPEC

2 Calling Instances

ETHICAL

1 Storing Data + Permissions

FAVES

1 Creation + Solving Problems

Action 1



Action 2



Action 3



Action 4



Thank you!

