

CIS 2170 Lab 9: UI Design Patterns

Group: Anon IT

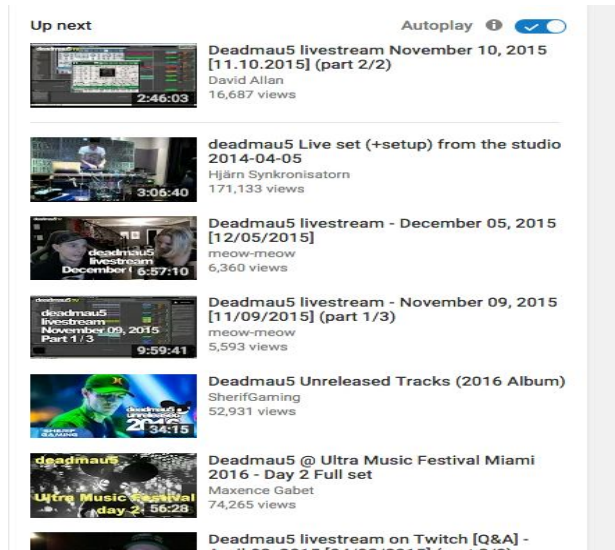
Members:

Irenaeus Chan

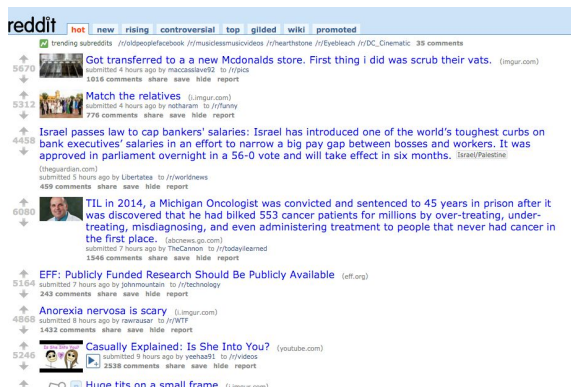
Michael Sadowski

List

Youtube



Reddit



Context of Use: Youtube allows you to browse and select related videos to the one you are browsing using a list. Reddit allows you to browse articles using a list.

Similarities: Both allow the user to further browse the contents of the websites, both use thumbnails in the list to describe the video/article, each one is sorted in a way (reddit sorts it by 'subreddits', aka categories, youtube sorts their list by related videos). Additionally, both utilize a short descriptive title to catch the user's attention

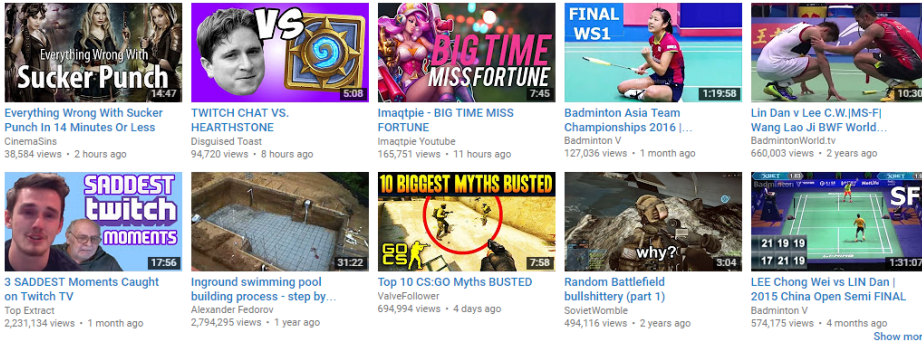
Differences: Youtube shows a list of related items to the one you are currently viewing organized by similarity, tags, and views, while reddit shows you a sorted list of all articles from the current day in that specific category that is organized by karma.

Positive/negative attributes: It shows you all of the information you need

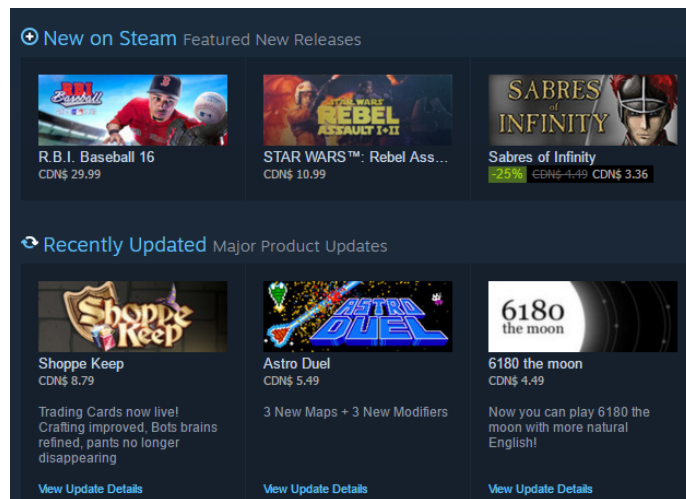
Grid (of Items)

YouTube:

Recommended



Steam:



Context of Use: Both sites use a grid to display different parts of the websites and their features. YouTube utilizes the grids to give the thumbnails of their videos while Steam utilizes a thumbnail of their games.

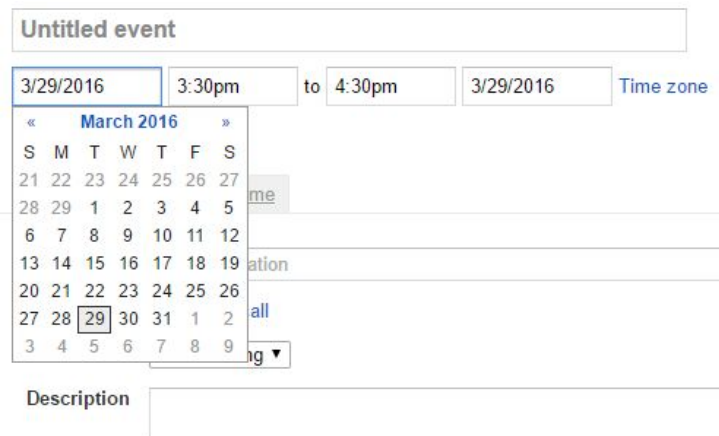
Similarities: Each site sorts the grid by categories, where each item is in its own category but everything is also presented at once to the user. Both of the websites show a thumbnail allowing for information to be presented as an image as well as any relevant information the user may possibly need e.g. Description, Price, Views, Post Date, etc

Differences: Steam limits the amount of items in the grid because the grid is a summary of information, while YouTube makes a dynamic grid with every single item and allows you to scroll through it as YouTube uses the Grid design to give all content to their users.

Positive/negative attributes: The grids allow you to browse many items of the website without much navigating, and are able to clearly see what you are navigating to even before you click it as you can see a quick thumbnail and short description of each item

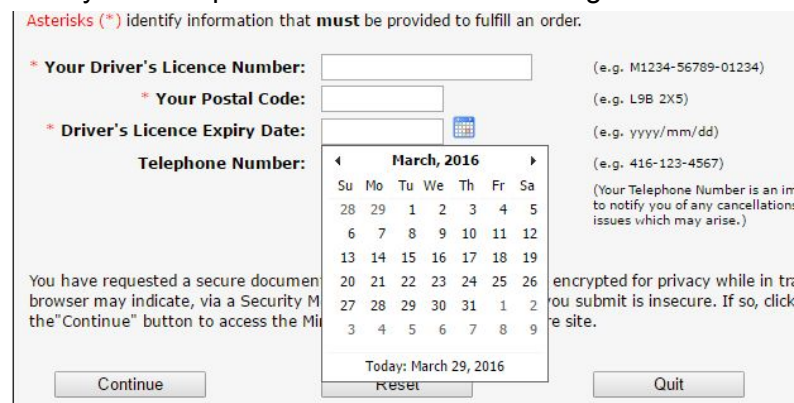
Date Picker

Google Calendar:



The screenshot shows the Google Calendar event creation form. At the top is a text field labeled "Untitled event". Below it are fields for the start date and time: "3/29/2016" and "3:30pm", followed by "to" and the end date and time: "4:30pm" and "3/29/2016". A "Time zone" link is to the right. A calendar widget for March 2016 is open, showing the date 29 selected. Below the calendar is a "Description" text area.

Ministry of Transportation - Road Test Booking:



The screenshot shows the Ministry of Transportation Road Test Booking form. It includes fields for "Your Driver's Licence Number:", "Your Postal Code:", "Driver's Licence Expiry Date:", and "Telephone Number:". A calendar widget for March 2016 is open, showing the date 29 selected. Below the calendar is a "Continue" button. A "Reset" button is also visible. A "Quit" button is at the bottom right. A warning message states: "Asterisks (*) identify information that must be provided to fulfill an order." A note at the bottom says: "You have requested a secure document. Your browser may indicate, via a Security Message, that the connection is not encrypted for privacy while in transit. If so, click the 'Continue' button to access the Ministry of Transportation website. If you submit is insecure. If so, click the 'Quit' button to leave the site."

Context of Use: Both sites allow you to pick a date for a specific purpose, whether it be for booking a driving test or adding an item to your calendar.

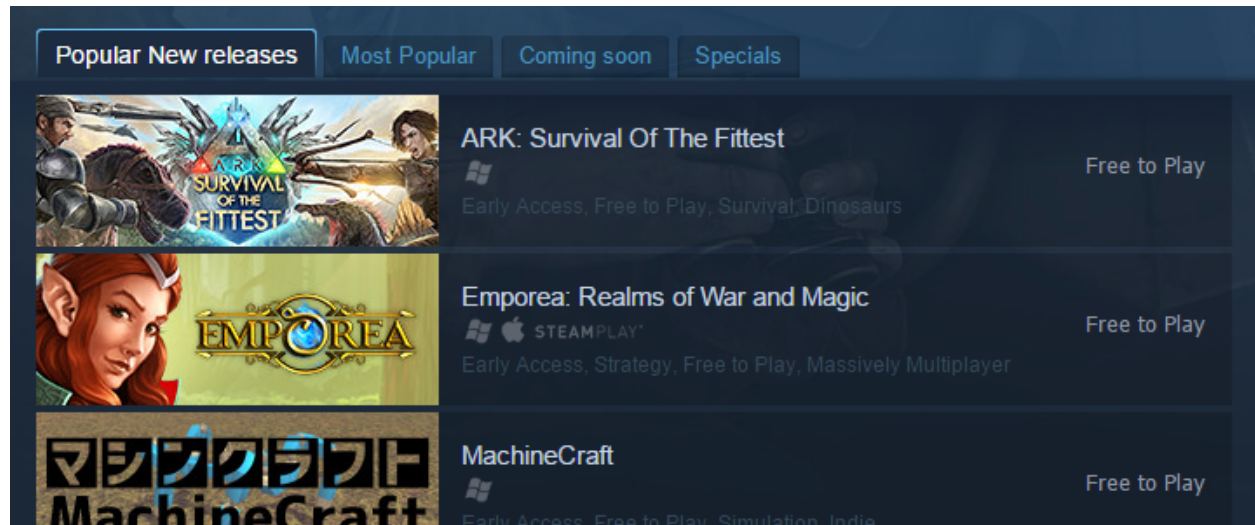
Similarities: Both allow you to pick the date using a calendar. They both use similar UI where the date is a drop down item that you can select the date either in the future or in the past. Once selecting the date, the exact date will be entered into the field for the user.

Differences: Google allows you to input times when you pick the date (starting and ending), as well as an end date if necessary. The Drive Test Website shows the current date at the bottom.

Positive/negative attributes: This allow you to easily pick your date, as you can see what day of the week it is, what day of the month it is, what month it is, and what year it is.

Tabs

Steam:



Reddit:



Context of Use: Each website allows you to navigate the pages using tabs, where each one represents a new page/section of the website the user can navigate to and from.

Similarities: Both use horizontal tabbing (similar to a navigation bar), they both use the tabs to split up section of the website for better organization

Differences: They use different methods of differentiating which tab you are currently on, reddit highlights the word on the tab in red and outlines it, while steam highlights it but changes the size of the tab to be bigger than the rest.

Positive/negative attributes: The tabs break up the website into easily identifiable sections, and you can browse content related to each tab easily, with minimal clicking and navigating of the website.

Breadcrumbs

Newegg:



OpenEd at Guelph:

Audio Equipment

A A A | | SHARE

Home / ... / Classroom Technical Support / AV Equipment Loans and Rentals / Audio Equipment

Audio Rental Equipment Available

Item	Description/Application

Context of Use: The breadcrumbs show the users where they are currently located on the websites, and allow them to navigate back as far as they wish

Similarities: Both list the pages the user clicked, in the same order they clicked it near the top of the page as well as allowing the user to navigate back towards the page they last visited regardless of where they are currently.

Differences: Newegg site allows you to remove some items from the list of previous pages and edit your breadcrumb trail. OpenEd condenses information into the ellipses when the navigation bar becomes too long.

Positive/negative attributes: Breadcrumbs allow the user to easily see how they got to a certain page of the website so that they are able to go back a few pages if needed, or memorize the location of certain pages