

Disney + Hotstar Tv and Movie Catalog

1. Description of the subject area:

You are given a [hotstar.csv](#) file, which contains information about tv shows and movies from the brand Disney + Hotstar, which is widespread in Asian countries. You will have to develop an application that will help users to find a movie or tv show that suits their needs using several ways of filtering the data.

2. Data model:

- I. This database is represented in 7 columns: ID of tv show and movie, title/name of tv show and movie, short description describing content, genre of content, release year of content, running time of movie, content is tv show or movie.
- II. Types of columns:
 - hotstar_id - unsigned long long
 - title- string
 - description- string
 - genre - string
 - year - unsigned long long
 - running_time - double
 - type - string
- III. Restrictions:
 - a) Strings don't contain newline characters and they consist of upper and lower case Latin letters without spaces, if there are several words in a string, they are separated by a space.
 - b) unsigned long long includes non-negative numbers from 0 to 2000000000.
 - c) double includes non-negative numbers from 0 to 200.

3. Features:

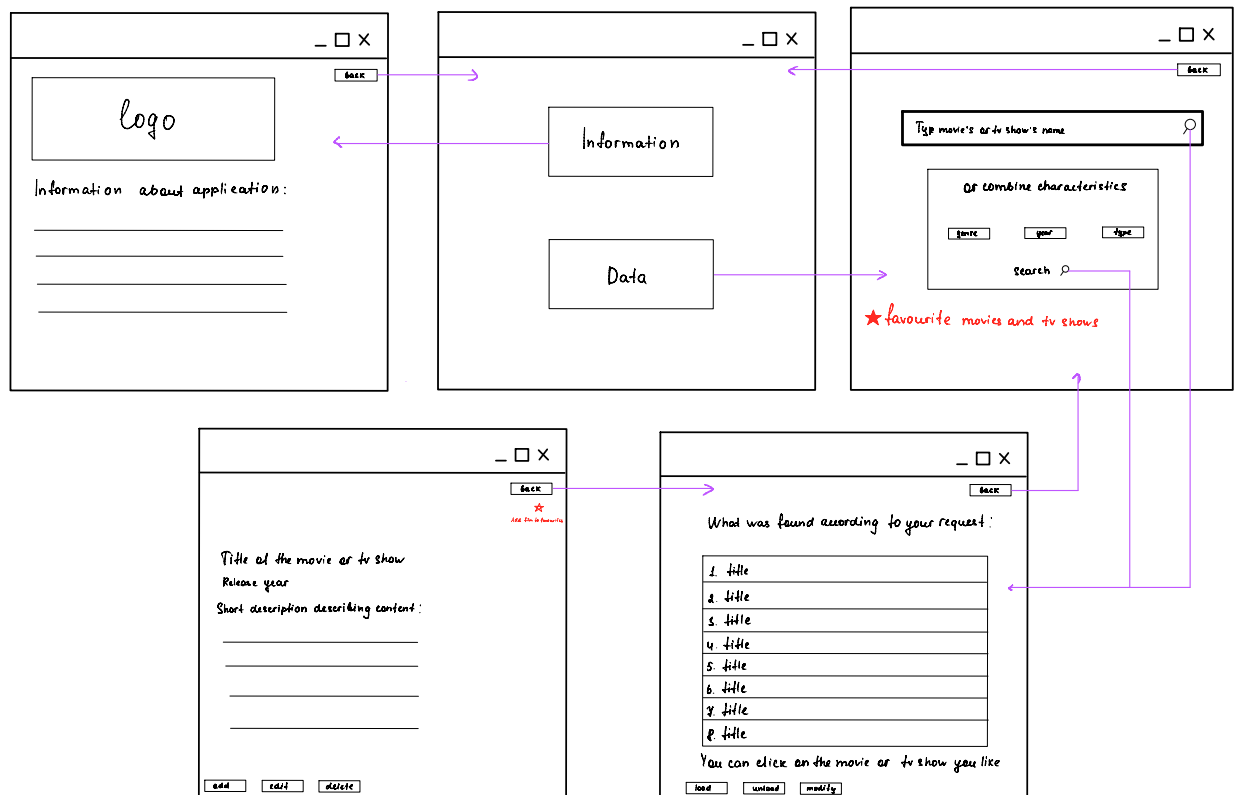
- I. Mandatory features:
 - The user should be able to find movies or tv shows by keywords.
 - The viewer has the ability to search by three characteristics.
 - It is possible to return to the previous page.
 - Logo is necessary.

- The user should be able to add, change and delete data.
- Main menu must contain item “Information”, when clicked, a separate window with logo should appear.
- UI elements should automatically **resize** to fit the window size.
- User should have opportunity upload and download data.

II. Additional features:

- Users have an opportunity to save movies and tv shows to favorites, delete from them and see this list.
- Filters can be applied to the search characteristics such as year(older/newer), genre(drama/comedy/action and etc.) and type(movie/tv show).

4. Sketch:



5. Any other comments:

- Link on dataset on Kaggle page:
<https://www.kaggle.com/datasets/goelyash/disney-hotstar-tv-and-movie-catalog>

- I've removed three columns in the database because of obscure information contained in a column or because of an empty column, so you don't need to work with them.