

# Games Arena

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## Problem Statement

Develop a pseudo front end application which would let the users help list and browse games developed for different platforms conveniently.

## Minimum Requirement

- Utilise API Response Parameters:
  - [ title, platform, score, genre, editors\_choice ]
- Implement functionality to list games
  - Visually interactive responsive design listing all the games

## Plus Point

- Implement Search feature
  - Example : by name
- Implement Sort feature
  - Example: Order list element in Ascending and Descending order by Score

## Extra Work

- Implement feature to group games by platform type
  - Example: List all PS Games under one list group
- Add autocomplete feature to Search games conveniently

## Guide

### Games API

<http://starlord.hackerearth.com/gamesarena>

Ignore any entry in response data which don't have required properties [ title, platform, score, genre, editors\_choice ]

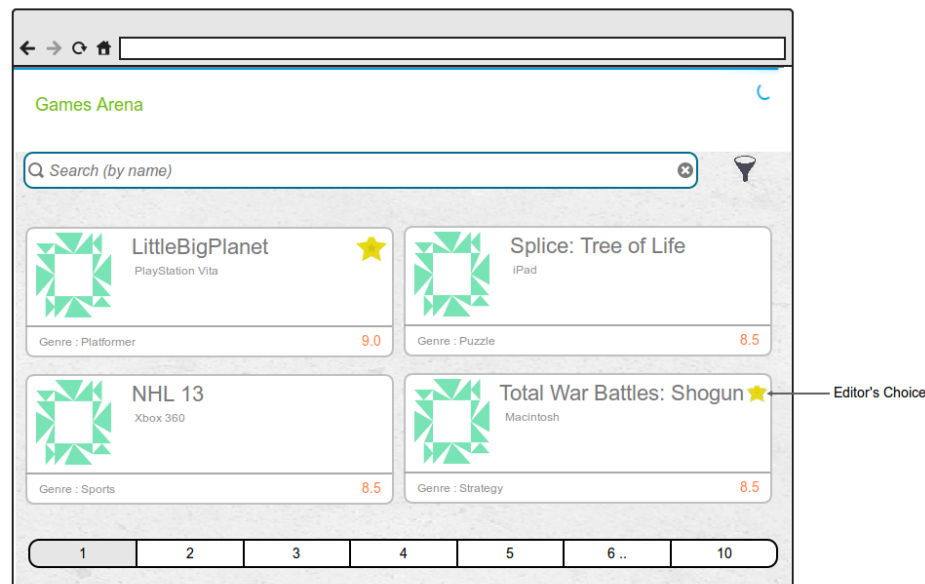
### Frontend Stack

- Angular 2+ or Vanilla JS Or React
- Material Design
  - <https://material.angular.io/>
  - <https://materializecss.com/>
- Typescript, HTML, CSS3

**Application can be built with use of client-side scripting and need not require any backend.**

## Mockup Image

Mockup design is just a reference made available to kickstart the design process, you are free to come up with your own design, we always admire creativity.



## API Response Data Structure

API Response data is a JSON array for objects. Each object contains following properties

Property	Description
title	Title of the game
platform	Name of the platform for which this game is designed
score	Games rating score
genre	Genre of the game
editor_choice	Value indicating whether this game was editor's choice or not