

# Mini project link aggregator

The goal of this exercise is to implement a link aggregator (reddit clone) by using HTML and Javascript / ECMAScript. You do not have any limitations regarding the choice of a framework (e.g. angular, react, ...), library (e.g. jquery ...) or vanilla javascript.

## Use Cases

### Add new entries

As a user I want to add new entries. To create a new entry, the following data must be entered:

- Title (required) - must not be longer than 60 characters
- Link (required) - must not be longer than 150 characters and must be a valid url

#### Acceptance Criterias:

- The entries should be persisted within the session but must not be persisted permanently (e.g.: stored in a database).
- If the user does not enter all required data, he should receive feedback about the missing fields
- If the validation fails (e.g. a title which is longer than 60 characters), it should not be possible to save the entry

### Vote entries

As a user I want to vote on all existing entries. It should be possible to upvote and downvote an entry.

#### Acceptance Criterias:

- Each upvote increases the vote counter by 1
- Each downvote decreases the vote counter by 1
- A newly added entry starts with a vote counter of 0
- The vote counter must not be higher than 10
- The list must be resorted if the counter changes

### Show entries

As a user I want to see existing and new entries in a list based view. The title must be displayed and must link to the website which was provided by the user.

#### Acceptance Criterias:

- The list must be sorted (descended) by the vote counters. This means an entry with a counter of 6 is positioned higher than an entry with a counter of 3 □
- The design of the solution should somewhat be similar to the one in the following screenshot. You are permitted to use a frontend framework like bootstrap or foundation.

### Add a Link

Title:

iPad Game for Cats

Link:

http://ipadgameforcats.com|

Submit link

3

POINTS

### Angular 2

(angular.io)



upvote



downvote

2

POINTS

### Fullstack

(fullstack.io)



upvote



downvote

1

POINTS

### Angular Homepage

(angular.io)



upvote



downvote