

Build application for creating TODO list of calls

You should create simple application to create TODO list of today's calls. Application consists of just one page and there is no need for some middleware or backend. You can use any Javascript frameworks and libraries (MVC frameworks preferred) you prefer. Application stores all the data to local storage. Graphical design is up to the programmer, also some CSS framework can be used (Javascript quality is the most important). Ideally you should also write documentation and some tests for the application.

For application behavior description see description and wireframe:

todaycalls.com

Next call

Erica foster 00420 222 333 444 12:40

Add call

Name Phone number time add +

Name	Phone number	Time		
Giacomo Guizzoni	00420 777 888 999	9:20	delete	<input checked="" type="checkbox"/>
Miranda Patterson	00420 111 222 333	11:35	delete	<input checked="" type="checkbox"/>
Erica Foster	00420 222 333 444	12:40	delete	<input type="checkbox"/>
Shannon Holland	00420 333 444 555	16:50	delete	<input type="checkbox"/>
Alexander Morgan	00420 555 666 777	17:20	delete	<input type="checkbox"/>

All Next Finished

Add call

Section to add new record of call. It consists of these inputs:

- name - validate for max. of 30 characters
- phone number - see phone number validation below
- time - just time, in mm:ss format

Phone number validation - each phone number should start with '+', or '00' string followed by digit characters or characters '(', ')', '-'. You should ignore all whitespaces when storing record and convert first letter '+' to '00' (there should be just one format to display phone number). Characters '(', ')' and '-' can be used just once and should be just on position 2 to 8 in the string.

Example of valid phone numbers to store:

- +(420) 111 222 333
- +(420)-111222333
- +420111222333
- 00420111222333

Stored and display format of phone number - 00XXX XXX XXX

Store all data to local storage.

List of calls

Display list of calls stored by user as shown in wireframe.

Header consists of name (sortable), phone number, time (sortable).

Each row consists of these columns:

- name
- phone number
- time
- delete action - deletes this record from storage
- checkbox - disabled, checked if the time of call < current time

Default sort of list is by time ASC. User can sort by name and time.

Below the table are 3 buttons

- all - display all records in list
- next - display just calls in future
- finished - display just calls in past

Next call

This section should show to the user the next call of the day.

In the ordered list of calls (by time ASC) find first record where time of call > current time and display that record.