Thank you for applying to Printful Developer School! We'd be happy to continue the further selection process with you and look forward to receiving your take on our technical task below.

Please complete this task within the deadline specified on the email we sent to you along with this task.
If you can't manage to complete this task within the set deadline, contact us so we can agree on another date.

This technical task will be used to evaluate your fit for the Printful Developer School. Before sending your task and data, check our GDPR policy for the recruitment process [here](#).

Printful Developer School task

This task requires creating a *To-do list* application where the user can add, view, edit, and delete tasks.
You must use PHP, MySQL, HTML, CSS, JavaScript when creating this solution, and the PHP code must be object-oriented. The design solution is up to you—feel free to express yourself.
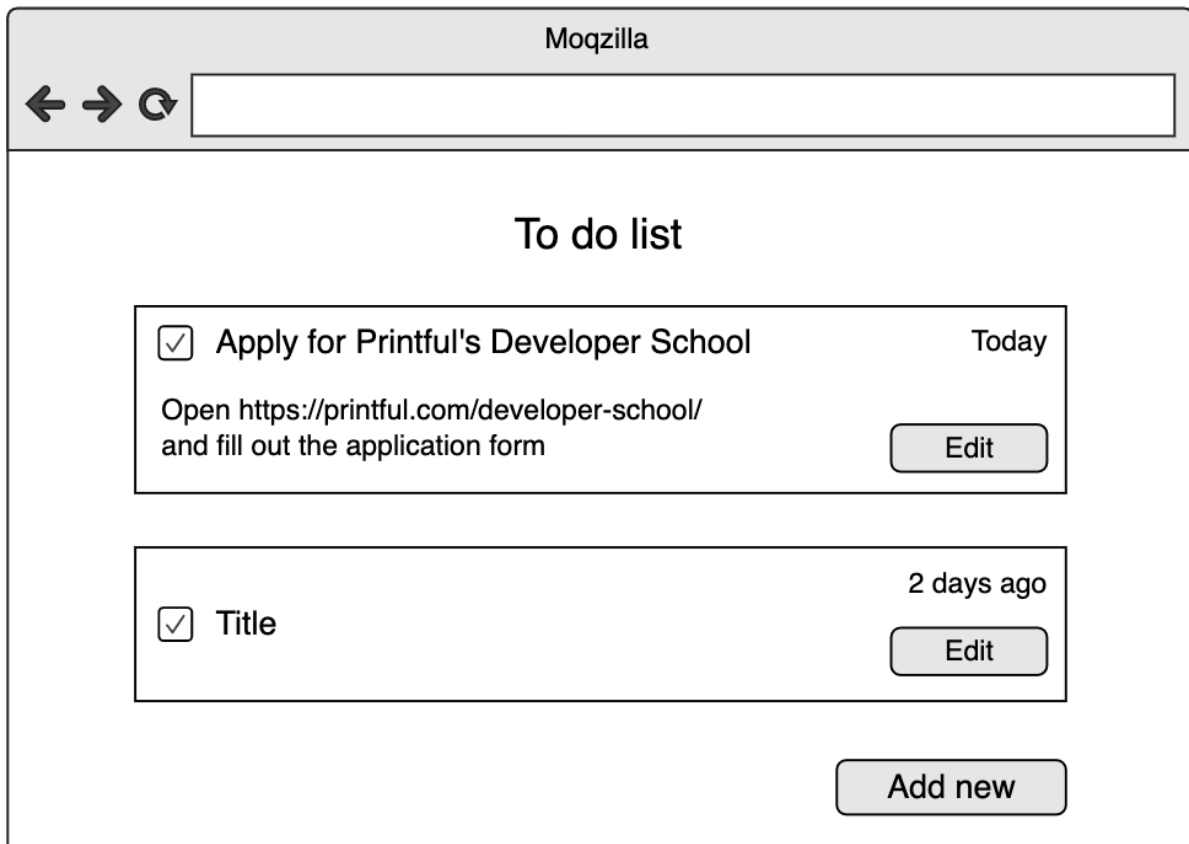
This app consists of three views:
1. A view showing **all** to-do items
2. A view in which it's possible to **add** a to-do item
3. A view that allows to **edit** a to-do item

Detailed overview of the task

1. A view showing **all** to-do items

This view gives the user a list of all to-do items and related information (title, description and date when the task was added). By clicking on the checkbox, the user can change the status of the task—mark it as *done* or *not done*.

By clicking *Edit*, a detailed edit view of the selected to-do item is displayed. The *Add New* button displays a view in which a new to-do item can be added.
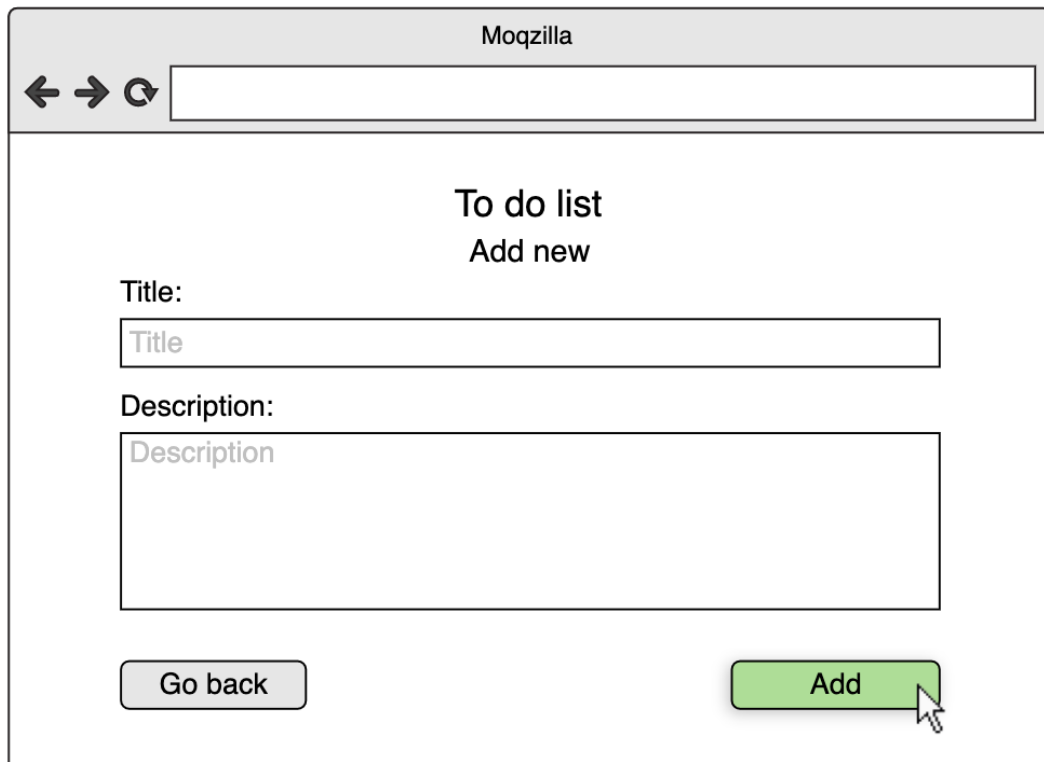
2. A view in which it's possible to add a to-do item

In this view, the user sees two input fields: a title which is a required input field, and a description which is optional.

Add button gives a chance to add the to-do item to the list of all to-do items. After adding a new item, the list of all to-do items is displayed.

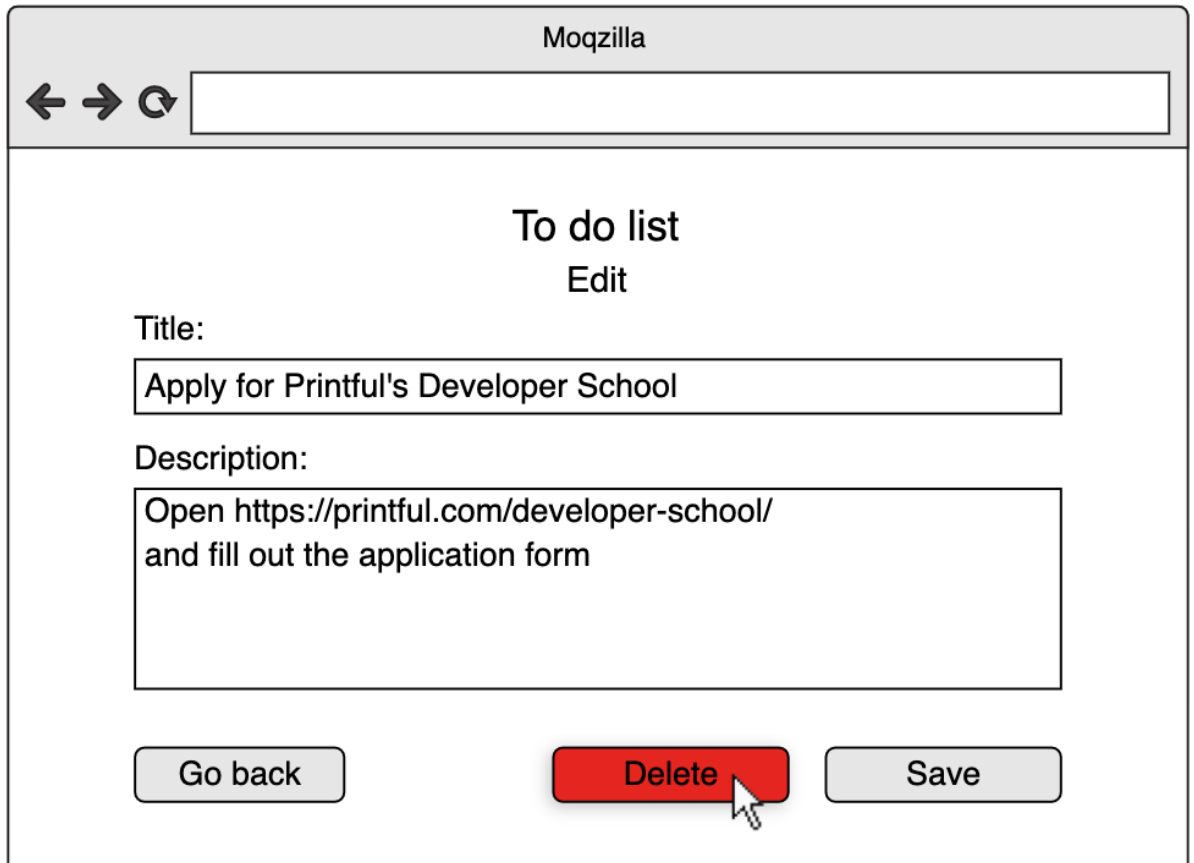'Go Back' button shows a list of all to do items.

3. A view that allows to edit a to-do item

In this view, the user can edit the selected to-do item—update or delete information.
Clicking *Delete* will remove the entry. Clicking *Save* will update the listing. Clicking any button after processing displays a list of all to-do items

Important: "Important: the input fields should already be pre-filled with the existing information about the To Do item"

Moqzilla

← → ↻ [   ]

To do list
Edit

Title:

[Apply for Printful's Developer School   ]

Description:

[Open https://printful.com/developer-school/
and fill out the application form

]

[Go back]   [**Delete**]   [Save]

Technical requirements

Design

Dimensions, fonts, colors, distances—an opportunity to experiment. The visual materials shown in the previous steps are only schematic sketches of the design layout. You must choose the text color, font, background, button colors, etc. It's recommended to use Bootstrap 5. You can also use one of the front-end frameworks.

PHP

- The code must be object-oriented and commented.
- It's not allowed to use PHP frameworks. The code structure must be created individually using the MVC structure.
- Attention should be paid to code formatting, style, good programming practices and security (XSS, CSRF, SQL injections, etc.).

Database

MySQL must be used.

Recommendations

- Bootstrap 5 can make it easier to develop the front-end system.
- Composer is capable of providing classes of auto-loading (PSR4). Google: "composer class autoloading"

Task submission

1. Email us your application code with guidelines describing the steps that must be performed on the server or development environment where the code will be tested (what are the configurable parameters, etc.).
2. Add one or more screenshots of the functionality you've developed (e.g., a to-do list view).
3. The database table(s) must be saved in a mysql dump file.

It's recommended to send the mentioned information in a .zip archive.

Thank you for participating!

Good luck!