

# DOM - Form - Events

[Best Practices and Usability for Online Forms](#)

## 1. Controls

Piensa en una situación del mundo real donde se tenga que cumplimentar un formulario. El formulario debe tener los siguientes elementos:

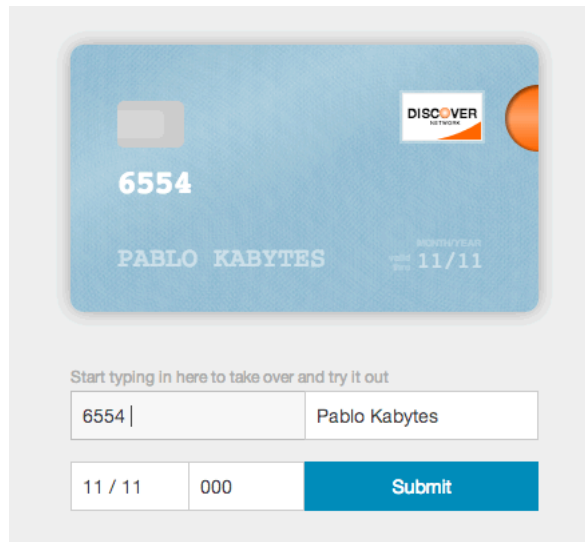
- Inputs: text, password, checkbox y radio y algunos otros de los que aparecen aquí: [https://www.w3schools.com/html/html\\_form\\_input\\_types.asp](https://www.w3schools.com/html/html_form_input_types.asp)
- textarea
- select
- datalist

Al pulsar un botón (tipo submit) se validará el formulario, Todos los campos son obligatorios, si uno no tiene un valor se resaltará con un estilo apropiado de Bootstrap.

Se debe mostrar en un div la información de cada campo, *nombre/id* y valor indicado por el usuario.

```
// Agregar controlador de eventos al botón de envío
submitButton.addEventListener('click', (event) => {
  event.preventDefault(); // Evitar el envío del formulario
  ...
})
```

## 2. Credit card payment



Based on this image:

A field for the amount should be included.

- Validation:

Making use of regular expressions create functions to validate the fields listed below.

- Name: must contain at least a first name and a last name, minimum 7 characters.
- Credit Card Number: The parameter must have the correct format of a credit card.
- Security Code: 3 numbers
- Expiration date: It must be checked that the expiration date of the card has not yet been reached.

Validations will be made when the button is clicked.

Apply a class to highlight fields with errors.

Displays a text below the inputs with errors indicating why the data is not correct.

- Events:
    - Highlight the active input field.
    - Name: when exiting it will be capitalized.
    - Credit Card number: every 4 numbers put a space, automatically.
    - Expiration date: after two numbers add /, automatically.
    - Amount: when exiting it will change the decimal separator, if it is ',', by '.'.
- If it does not have any decimals, put '.' and two 00.

### 3. Enrollment form

The screenshot shows a web form for enrollment. The first section, titled 'Datos de matrícula', contains several dropdown menus: 'Provincia' (set to 'Cádiz'), 'Municipio' (set to 'Prado del Rey'), 'Localidad' (set to 'Prado del Rey'), 'Centro' (set to 'I.E.S. Carlos III'), 'Enseñanza' (set to 'Educación Secundaria Obligatoria'), and 'Curso' (set to '1º de E.S.O.'). The second section, titled 'PERSONAS AUTORIZADAS PARA RECOGER A SU HIJO/A DURANTE EL CURSO 2020 / 2021', includes a description and a form for authorized persons. The first person's details are shown, with a red box highlighting the '1ª Persona autorizada:' label and another red box highlighting a '+' button. The fields for the first person are: 'Nombre' (with placeholder 'Nombre'), 'Primer apellido' (with placeholder 'Primer apellido'), 'Segundo apellido' (with placeholder 'Segundo apellido'), 'Tipo de documentación' (with placeholder 'Tipo de documentación'), 'NIF/NIE/Pasaporte' (with placeholder 'NIF/NIE/Pasaporte'), and 'Teléfono' (with placeholder 'Teléfono').

The province and town data are obtained from provincias.json.

- The province dropdown will obtain the data dynamically.
- The city dropdown will obtain the data dynamically when selecting a province.
- What can you do to identify the selected city without using the corresponding option value.

Authorized persons:

- Name and first name are required.
- NIF/NIE/Passport, must be validated.
- There must be at least one authorized person and at maximum five.

Use a button to display all the indicated data when pressed.