How to design an accessible Form

MUNICH ACCESSIBILITY MEETUP

@nuriapenya

#a11yMUC

I NEED A.

Sign Up Form.

Way of communication and exchange between users and service. The user provides input which can be processed to generate a new output.

Examples: create account, join newsletter, complete transaction, sign up for event

Student plan*

!!! Subscribe within the **next 20 minutes** to start your course today. !!!

Name

Surname

Date of Birth

email

street & Nr.

Zip code

City

Country

credit card

cvv

Expiry date

I'm not a robot

reCAPTCHA

Privacy - Terms

Pay 120.00 €

* Subscription to all courses for 3 months

Let’s reflect.

Take some time to think about the form we just showed. What issues do you see? What could be done differently?

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Everyone should be able to fill this form

VISUAL

MOTOR

COGNITIVE

HEARING

ACCESSIBILITY.

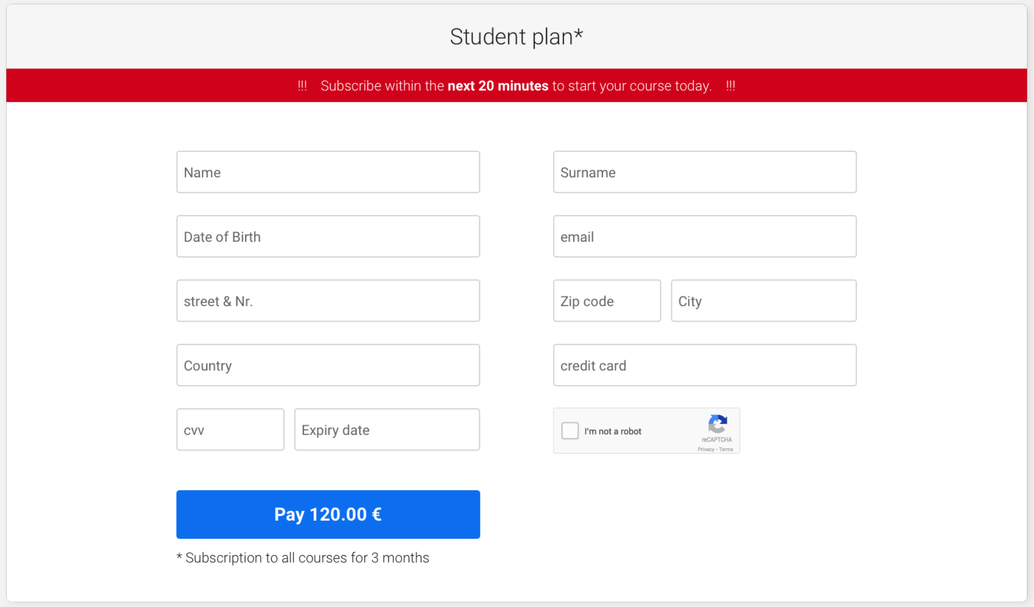
How can design help?

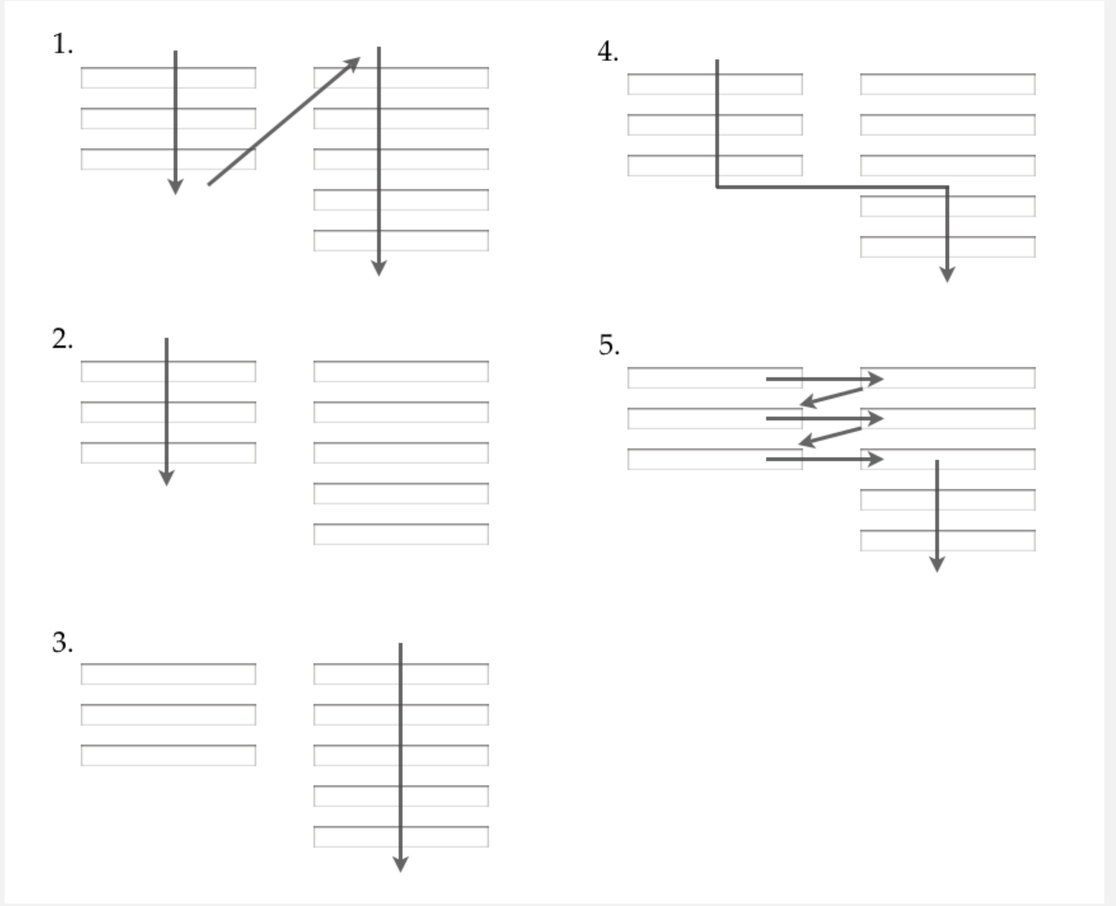
Structure.

STRUCTURE

Layout

A form with parallel columns can easily lead users **disorientation** and **distract** them.



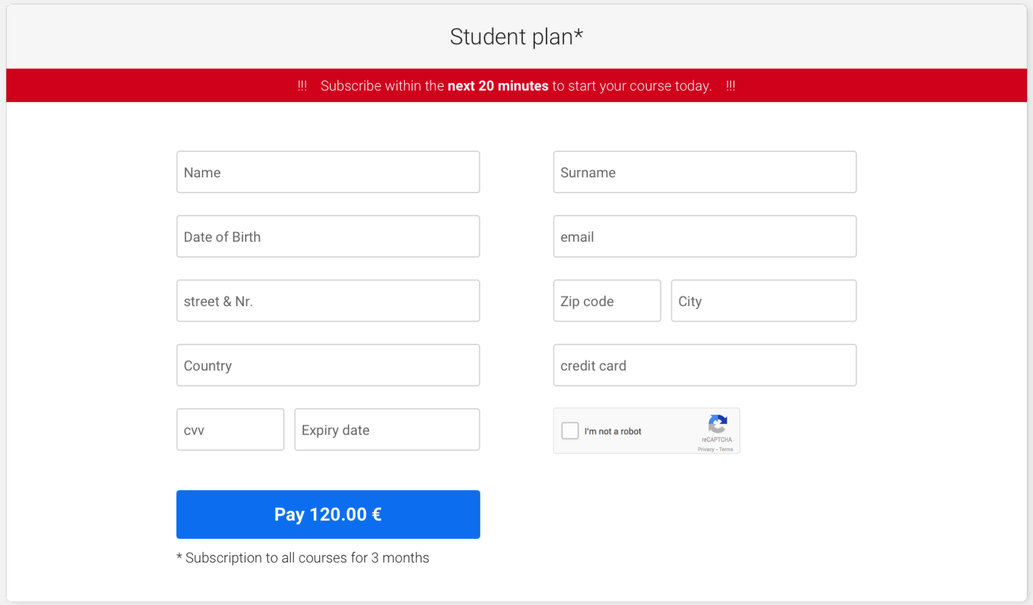


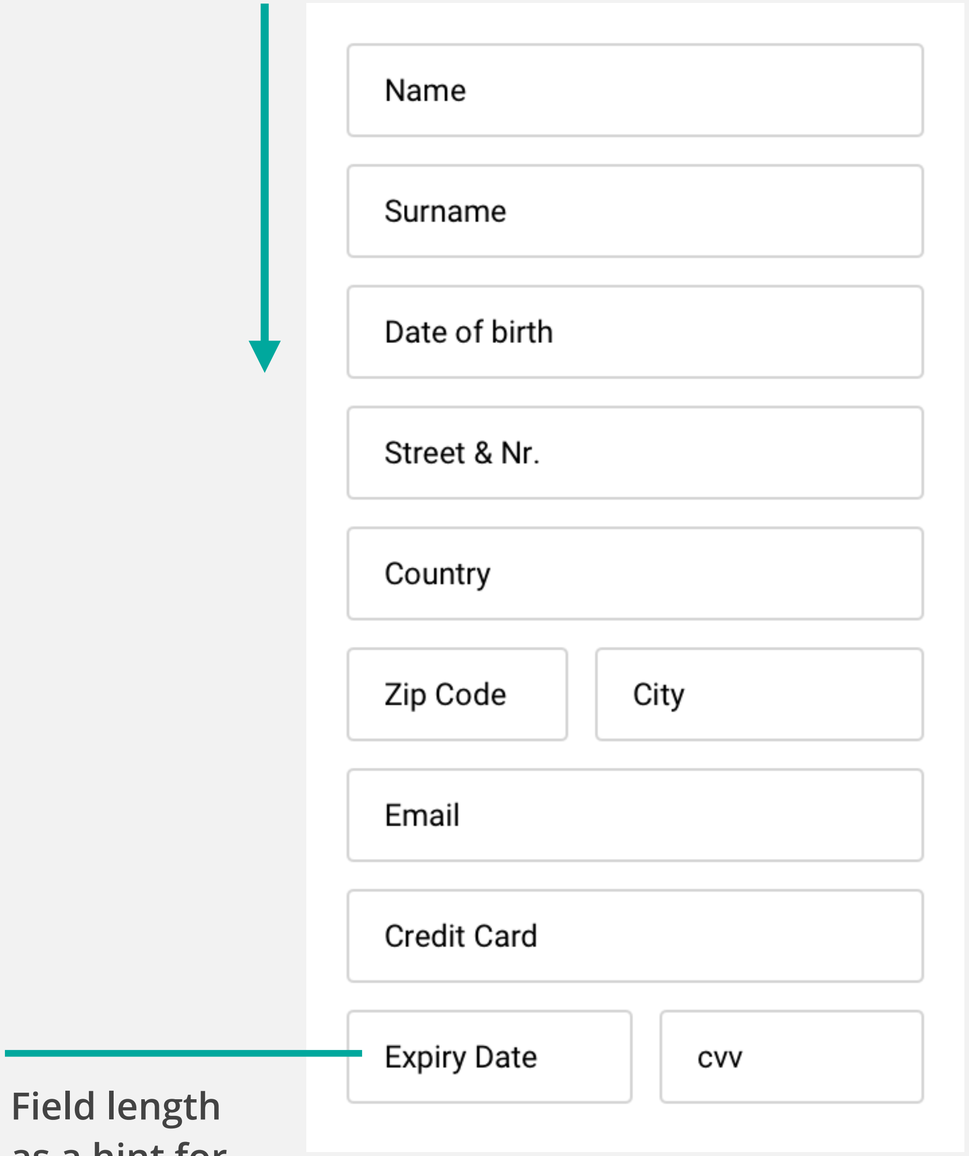
Different users will misinterpret how to fill out multi-column forms in a variety of different ways.

STRUCTURE

Layout

Single-column forms are better than multi-column ones, as they don’t disrupt a users vertical momentum.



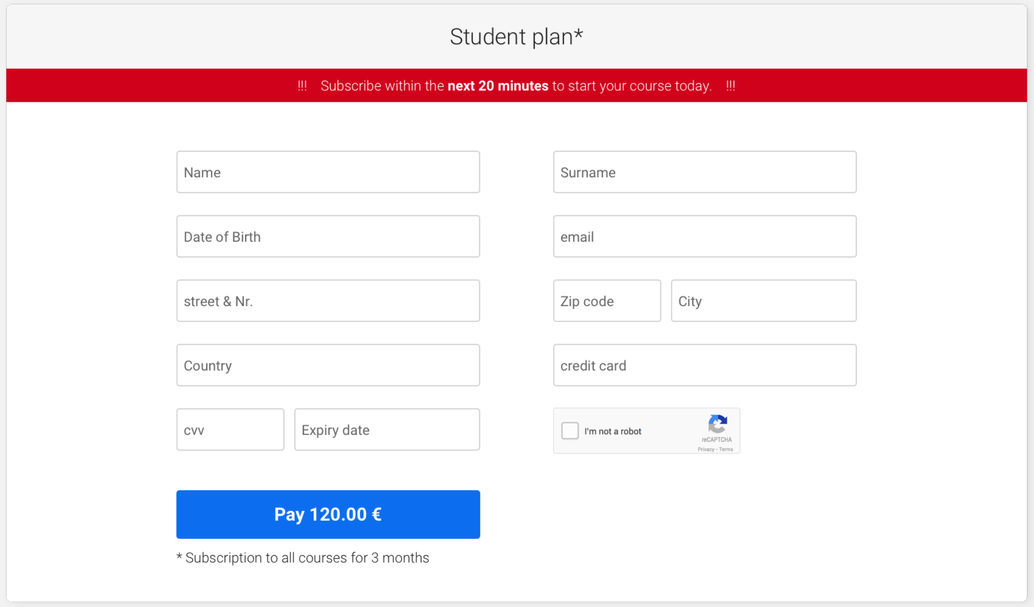


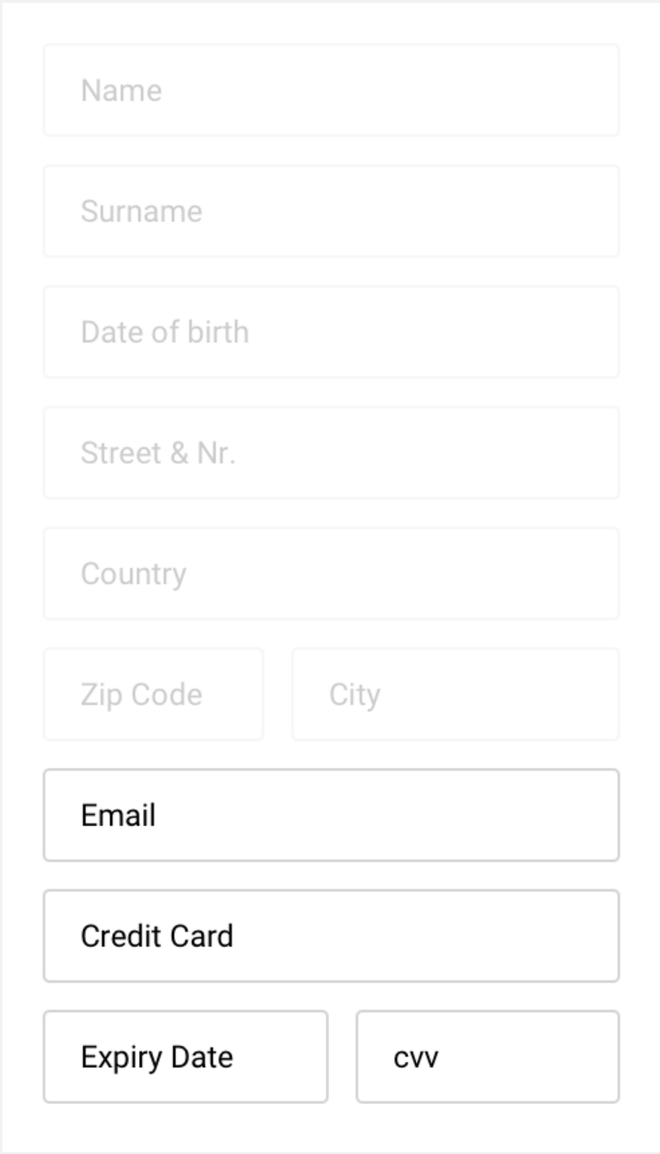
Field length as a hint for the answer

STRUCTURE

Keep it short

Eliminating unnecessary fields **reduces user cognitive effort** and increases completion rates.

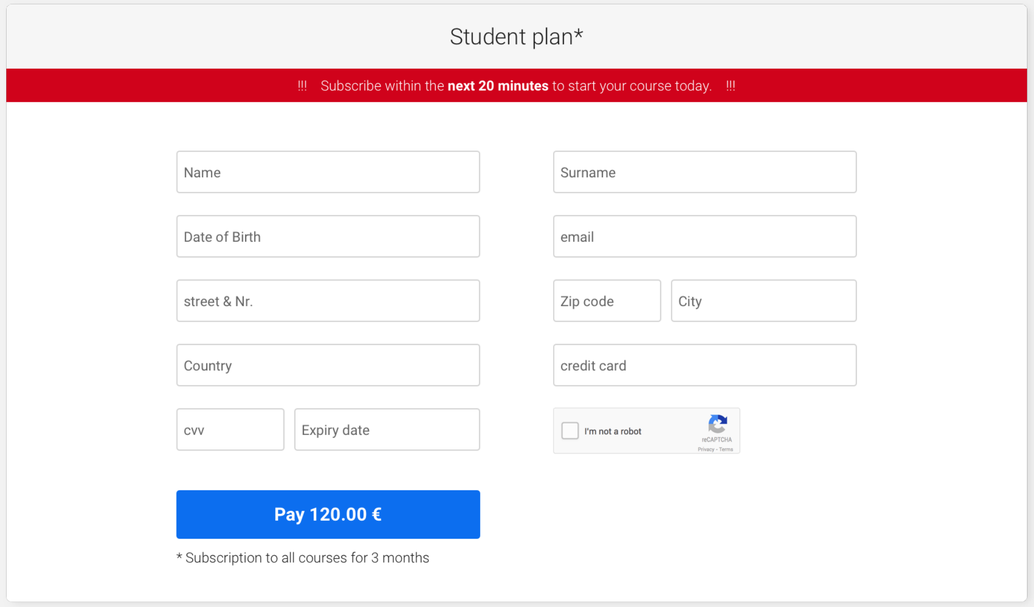


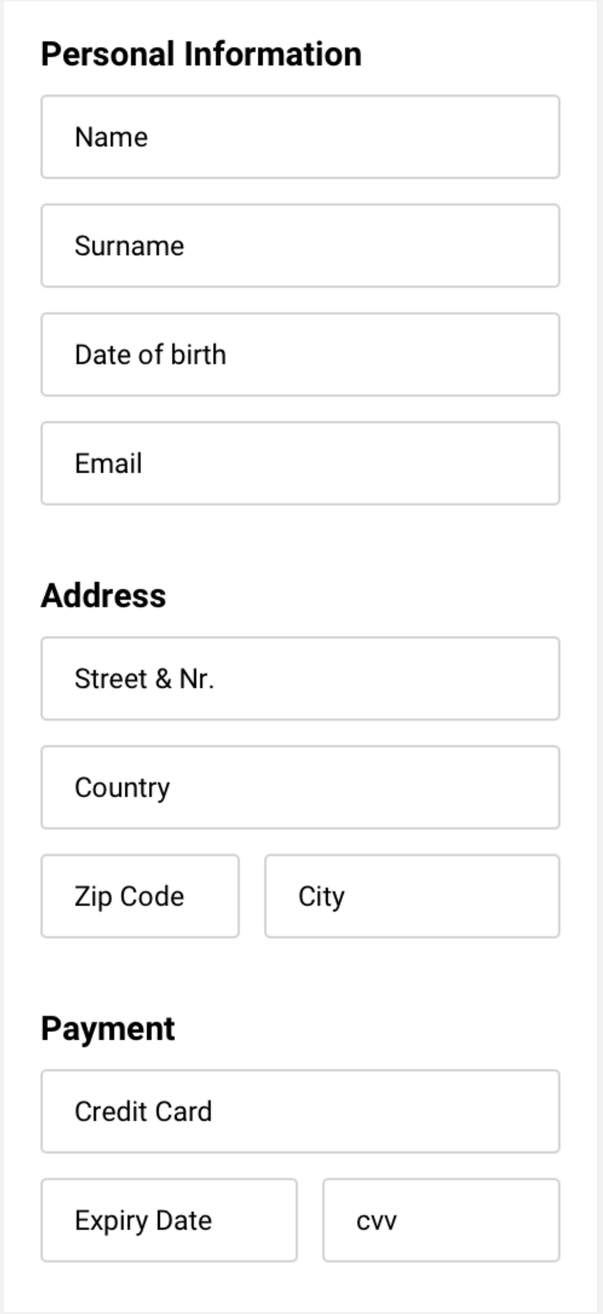


STRUCTURE

Grouping

If the form has a pretty complicated structure, it can be **visually divided into semantic groups**, with added space or headings between them.

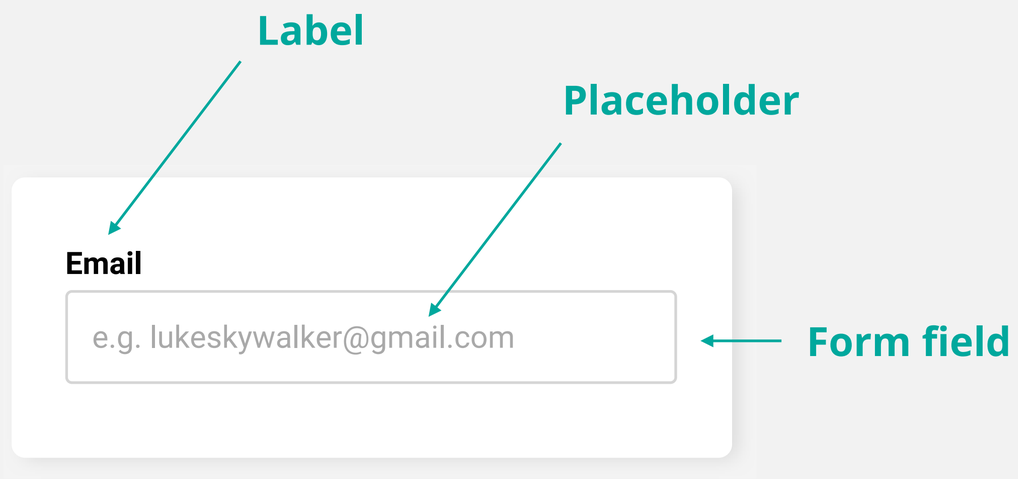


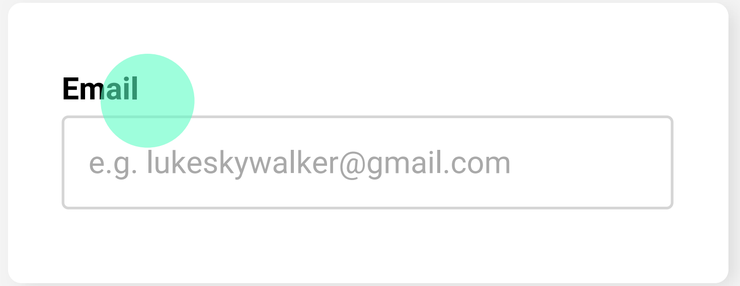


Inputs.

Labels & Placeholders

Labels tell users what information belongs in a given form field and **placeholders** an example of the information required.



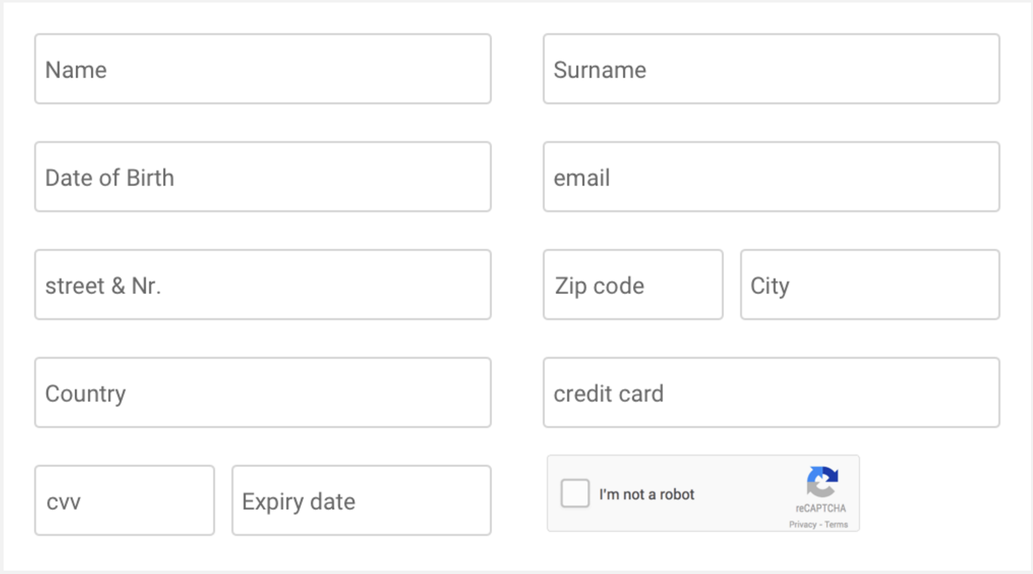


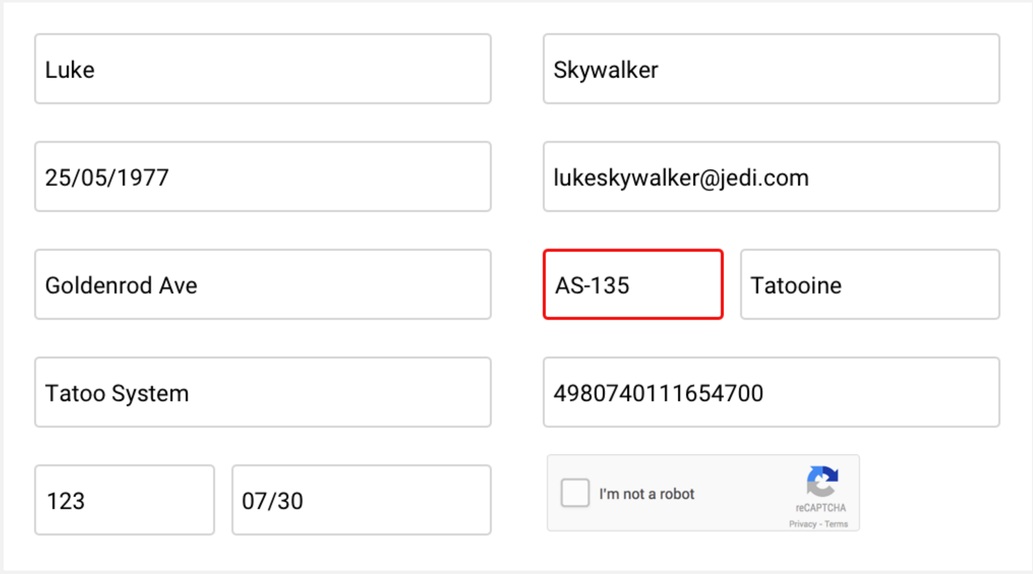
The label increases the hit area of the field

INPUTS

Placeholders

Relying on placeholders alone, **makes it difficult for people to remember** what information belongs in a field, especially for users with visual and cognitive impairments.

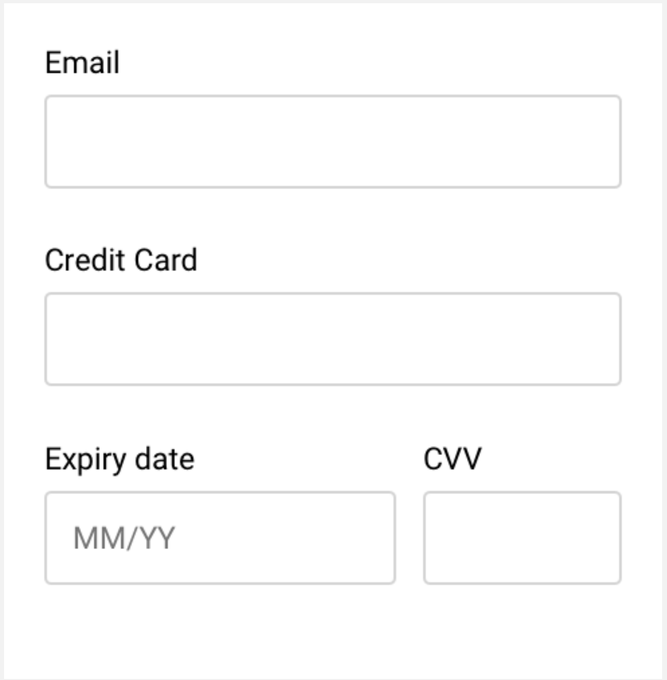


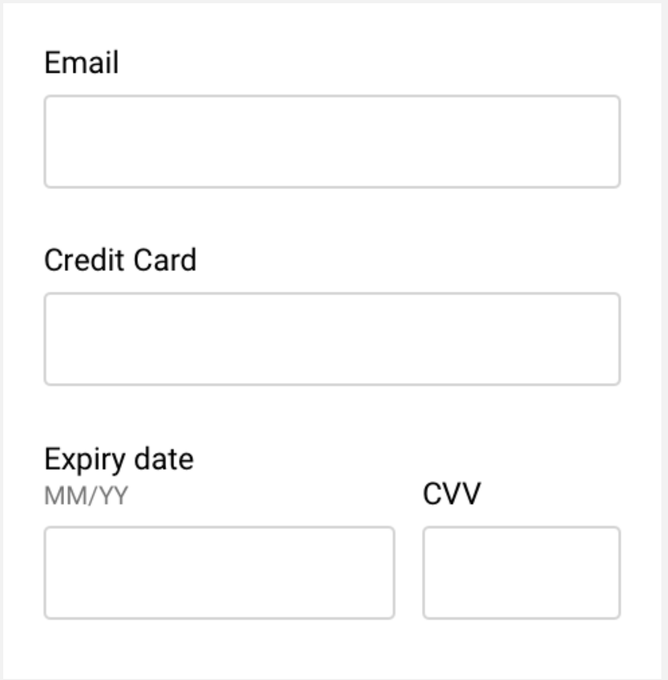


INPUTS

Placeholders

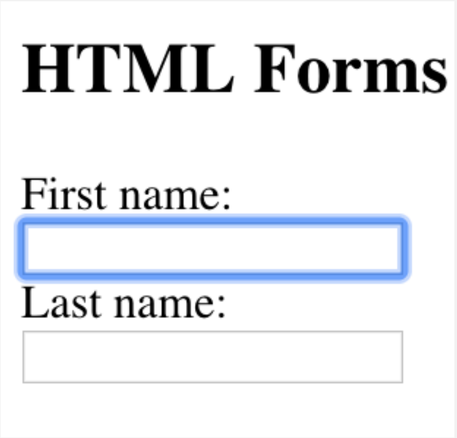
Ideally, the label and hint are placed outside the form field and are **always visible to the user**.

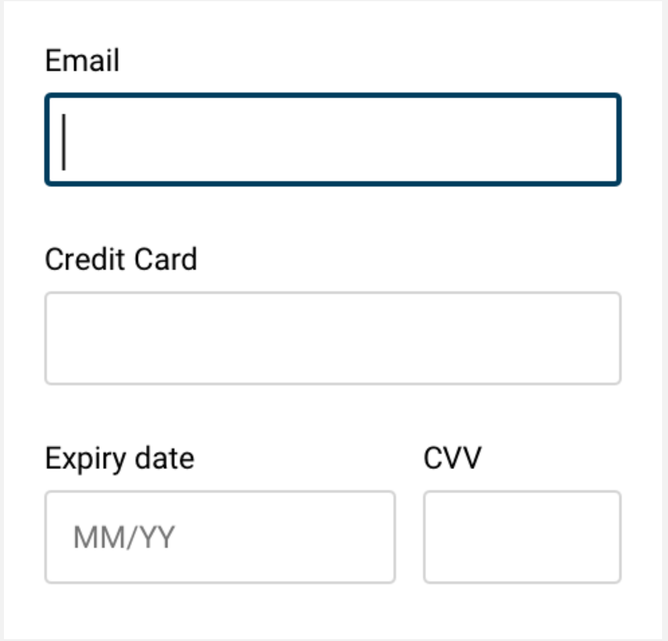




Focus

By default, browsers put an outline around the element in focus so users, especially **those who use a keyboard, know where they are.**





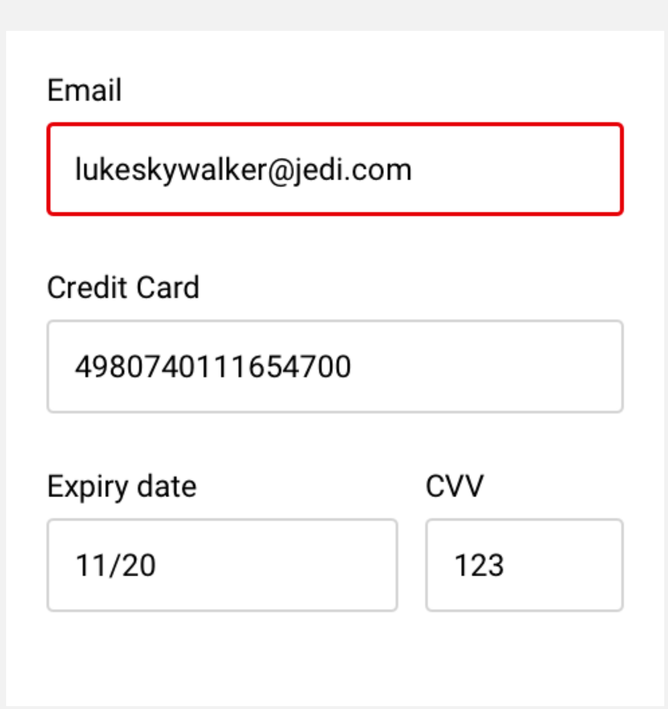

```
input:focus {
 outline: 2px solid #003D5E;
}
```

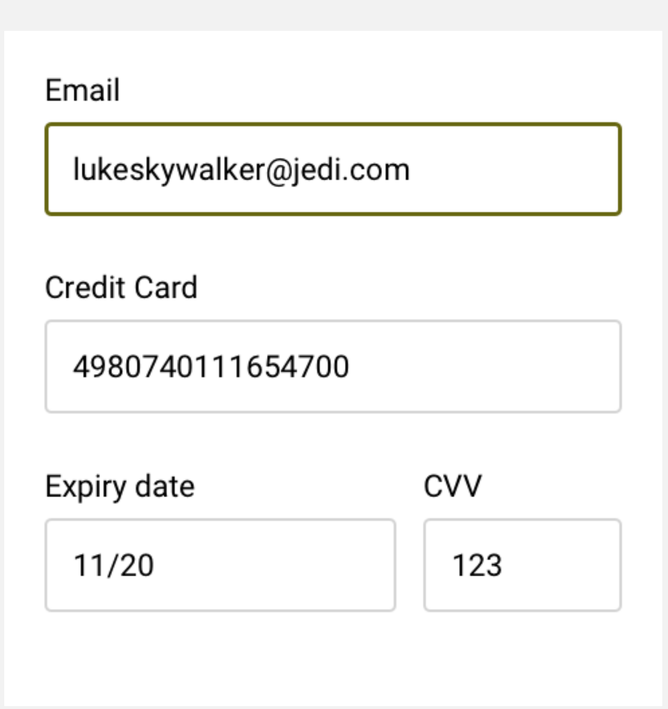
Validation.

VALIDATION

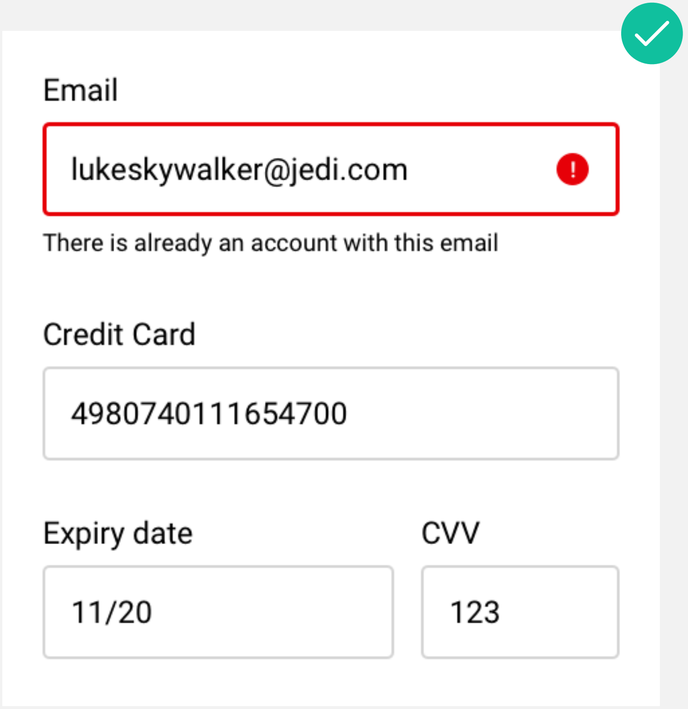
Error Message

Every little bit helps!





How a person with Deuteranopia would see it



Student plan

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Email

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Expiry date

MM/YY

CVV

Pay 120.00 €

ACCESSIBILITY.

Development Insights.

ACCESSIBILITY.

Testing.

In a nutshell…

Key Takeaways.

- Clear Structure & Reduced Complexity
- Appropriate Labelling
- Don’t rely on Colour alone
- Proper-sized Target Areas
- Test, Test, Test

Thank You!

Q&A

BRAINSTORMING.

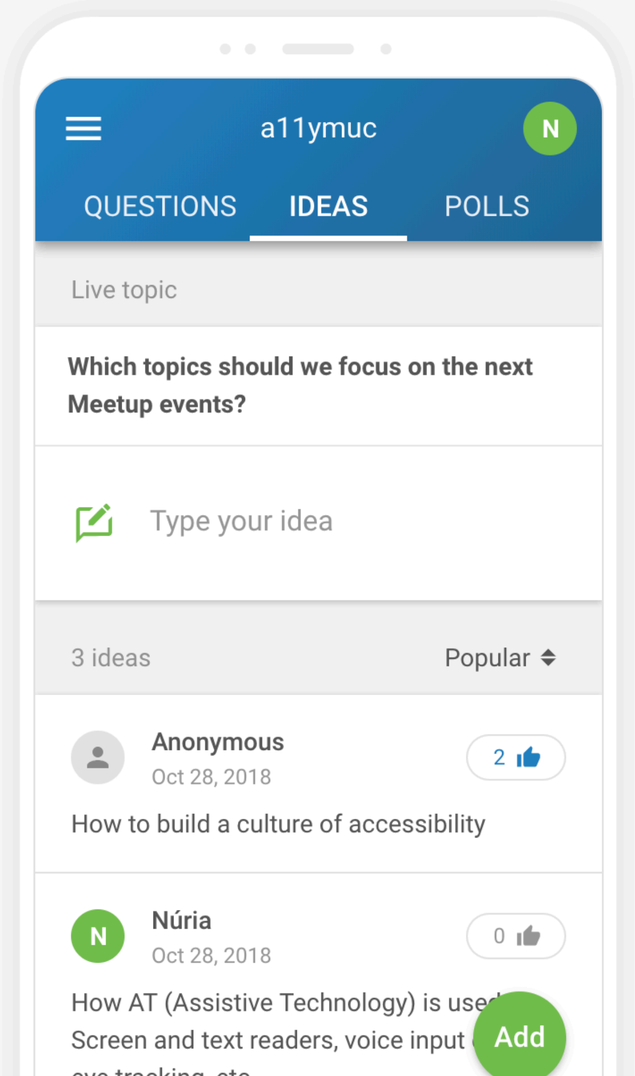
What do you want next?

sli.do

@A11yMunich

/Munich-Accessibility-Meetup

#a11yMUC



Poll of ideas

1. Open a browser on any laptop, tablet or smartphone
2. Go to **slido.com**
3. Enter the event code **#A11Y**