

# Welcome!

Come take a seat  
up front, its  
available!

# Announcements

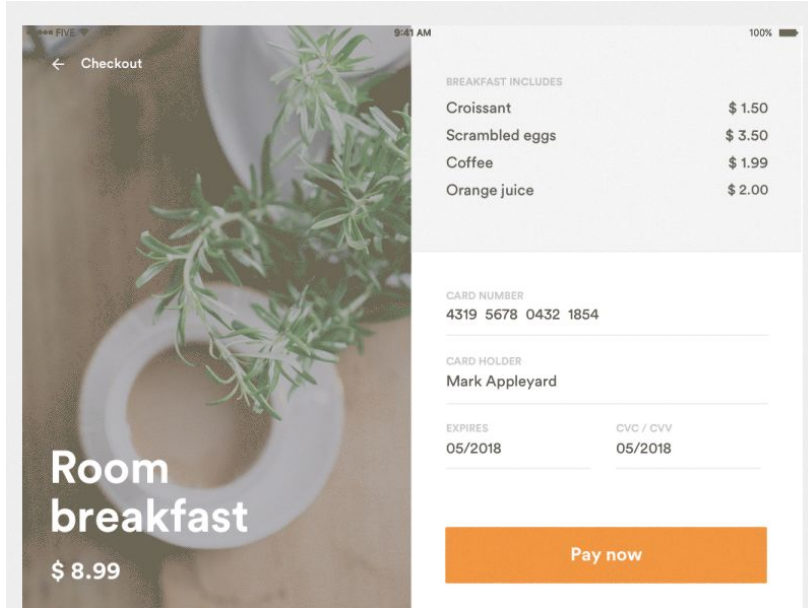
- Mid-semester evaluation form: <https://wdd.io/go/mid-feedback>
  - Will take a break mid-class to fill out
- Peer-evaluation form: <https://forms.gle/yxyR4xDebnuZDuYx9>
  - All of your team members need to fill out this form in order to receive credit for your project.
  - Due TONIGHT, 8:30pm
- Final project released!
  - Specs here:  
<https://wdd.io/media/assignment/sp19/final/spec-v3/index.html>
  - Check-in by **April 17th**

Week 9

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# Designing Forms

# What's a Form?



A mobile app checkout screen for a 'Room breakfast'. The screen is divided into three main sections. The top section, titled 'BREAKFAST INCLUDES', lists four items with their prices: Croissant (\$1.50), Scrambled eggs (\$3.50), Coffee (\$1.99), and Orange juice (\$2.00). The middle section contains card payment details: 'CARD NUMBER' 4319 5678 0432 1854, 'CARD HOLDER' Mark Appleyard, 'EXPIRES' 05/2018, and 'CVC / CVV' 05/2018. The bottom section features a large orange 'Pay now' button. On the left side, there is a background image of a breakfast dish with a white bowl and a sprig of green herbs, with the text 'Room breakfast' and '\$ 8.99' overlaid. The top of the screen shows a status bar with 'FIVE', '9:43 AM', and '100%' battery.

← Checkout

BREAKFAST INCLUDES

Croissant	\$ 1.50
Scrambled eggs	\$ 3.50
Coffee	\$ 1.99
Orange juice	\$ 2.00

CARD NUMBER  
4319 5678 0432 1854

CARD HOLDER  
Mark Appleyard

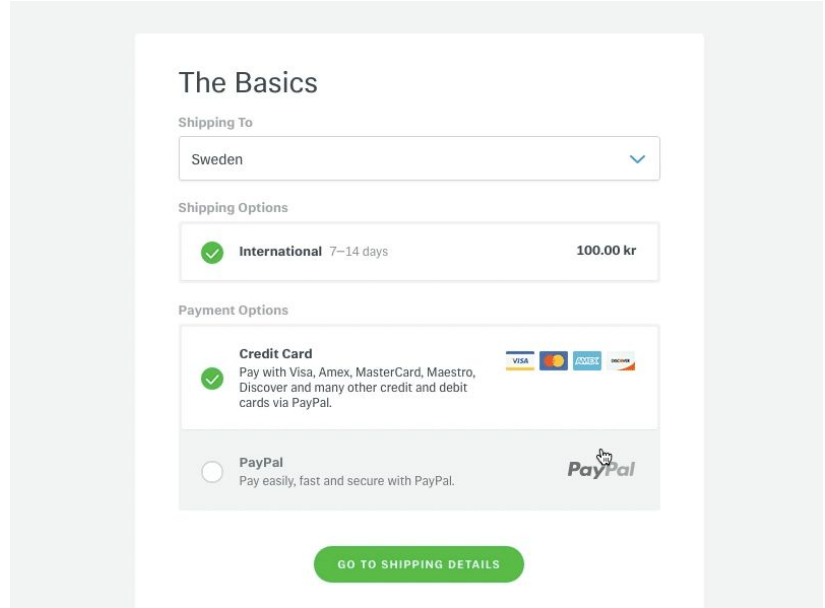
EXPIRES  
05/2018

CVC / CVV  
05/2018

Room breakfast  
\$ 8.99

Pay now

Credit Card Checkout (Daily UI)



A web browser checkout screen titled 'The Basics'. It features a 'Shipping To' dropdown menu set to 'Sweden'. Below this is a 'Shipping Options' section with a checked 'International' option (7-14 days) and a price of '100.00 kr'. The 'Payment Options' section has a checked 'Credit Card' option, which includes logos for Visa, Amex, MasterCard, Maestro, Discover, and many other credit and debit cards via PayPal. There is also an unchecked 'PayPal' option. A green 'GO TO SHIPPING DETAILS' button is at the bottom right. The top of the screen shows a status bar with 'The Basics', '9:43 AM', and '100%' battery.

The Basics

Shipping To  
Sweden

Shipping Options

International 7-14 days 100.00 kr

Payment Options

Credit Card  
Pay with Visa, Amex, MasterCard, Maestro, Discover and many other credit and debit cards via PayPal.

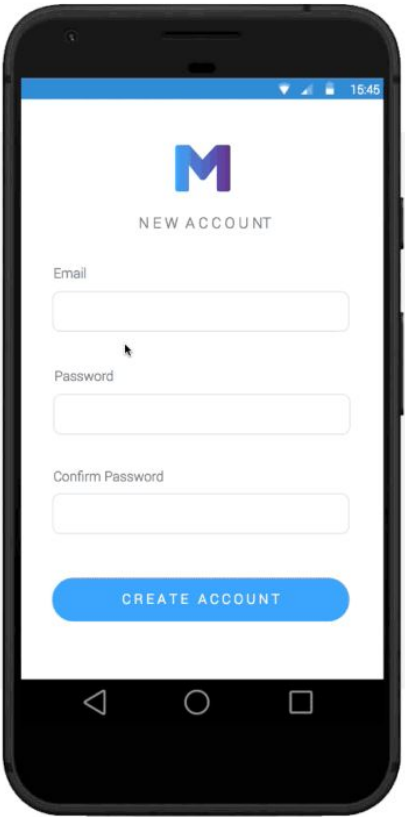
PayPal  
Pay easily, fast and secure with PayPal.

GO TO SHIPPING DETAILS

TicTail Checkout

# But what's in a form?

- Structure
- Input Fields
- Field Labels
- Action Buttons
- Feedback



The image shows a smartphone screen displaying a 'NEW ACCOUNT' registration form. The form is centered on a white background with a blue status bar at the top showing the time 16:45. At the top of the form is a blue and purple 'M' logo, followed by the text 'NEW ACCOUNT'. Below this are three input fields, each with a label above it: 'Email', 'Password', and 'Confirm Password'. Each field is a simple white rectangle with a thin grey border. At the bottom of the form is a blue button with the text 'CREATE ACCOUNT' in white. The smartphone has a black bezel and a standard Android navigation bar at the bottom with back, home, and recent apps icons.

# Form Structure

# Structure

- Only ask what's **required**
- Order the form **logically**
- **Group** related information
- Forms should be **one** column

Personal

Name

John Doe

Date of Birth

Month Day Year

What is your favorite animal?

LionTigerBearBullServal

Account

Email

john@johndoe.com

Password

Verify Password

Contact

Address

938 Jackson St.

City

938 Jackson St.

State

- Select your state -

Phone

837.383.3678

Do

Name

John Doe

Date of Birth

Month Day Year

What is your favorite animal?

LionTigerBearBullServal

Email

john@johndoe.com

Password

Verify Password

Address

938 Jackson St.

City

938 Jackson St.

State

- Select your state -

Phone

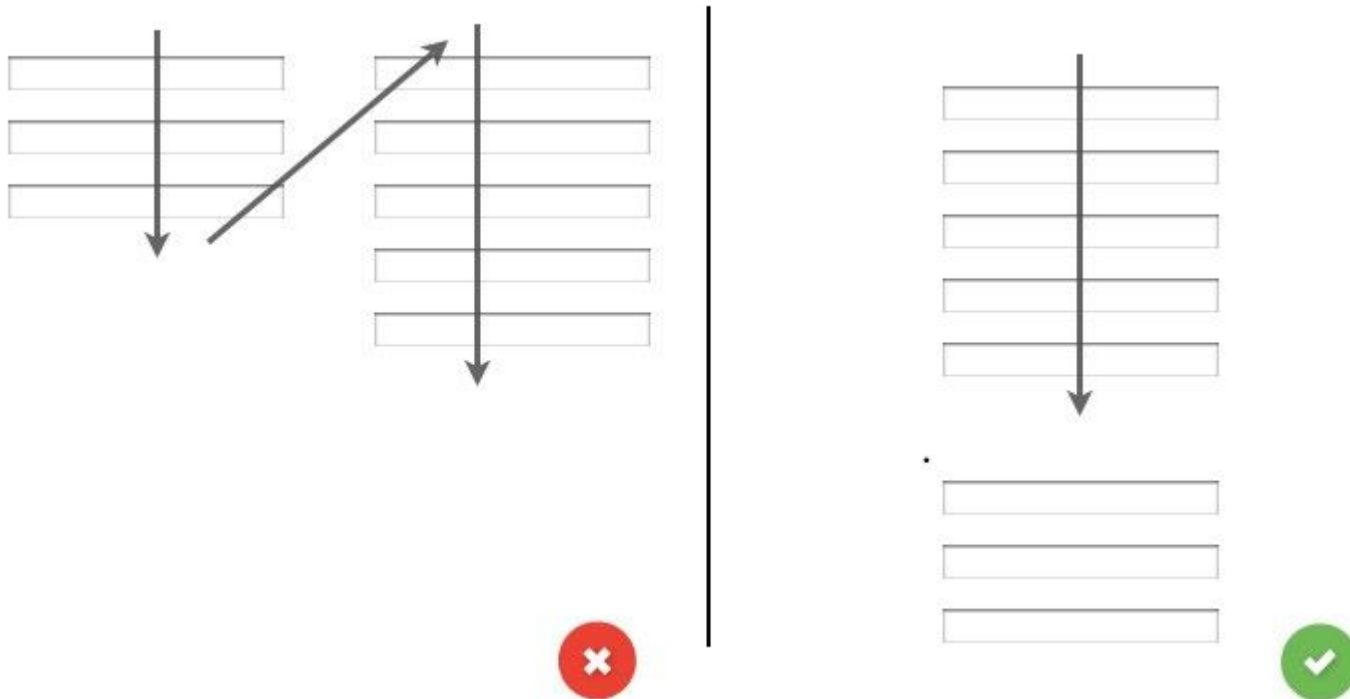
837.383.3678

Don't

Long Forms Feel Overwhelming!

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One Column vs. Multiple

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# Input Fields



Bad Date Input UI

*Michelob*  
**ULTRA**

WE NEED TO CHECK YOUR ID  
YOU MUST BE OF LEGAL DRINKING AGE TO ENTER THIS SITE

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

< 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 >

OR

VERIFY WITH facebook

# Fields

- **Minimize** the number of fields as much as possible
- **All** Mandatory vs. **Some** Optional
- When to use **default** values

LABEL \*

Input

LABEL \*

Input

LABEL

Input

Really, don't do that

LABEL

Input

LABEL

Input

LABEL - *Optional*

Input

Do

LABEL

Input

LABEL

Input

LABEL - *Not required*

Input

Don't

LABEL

Input

LABEL

Input

LABEL - *Optional*

Input

Do

Negations Make It Confusing

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## Billing Address

Country \*

First Name \*

Last Name \*

# Field Labels



# Labels

- Succinct, short, and descriptive
- Generally top-aligned
- Floating labels vs. Inline text

## Registration

New to Amazon.com? Register Below.

My name is:

My e-mail address is:

Type it again:

My mobile phone number is:  (Optional)

[Learn more](#)

### Protect your information with a password

This will be your only Amazon.com password.

Enter a new password:

Type it again:

Create account

[Conditions of Use](#) [Privacy Notice](#) © 1996-2011, Amazon.com, Inc. or its affiliates

## Create account

Your name

Email

Password

at least 6 characters

Password again

Create your Amazon account

By creating an account, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#).

Already have an account? [Sign in](#)

**Name**

<input type="text"/>	<input type="text"/>
First	Last

**Date**

<input type="text"/>	/	<input type="text"/>	/	<input type="text"/>	
MM		DD		YYYY	

**Phone**

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
(###)		###		####

**Web Site**

**Name**

<input type="text"/>	<input type="text"/>
First	Last

**Date**

<input type="text"/>	/	<input type="text"/>	/	<input type="text"/>	
MM		DD		YYYY	

**Phone**

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
(###)		###		####

**Web Site**

**Email**

**Name**

<input type="text"/>	<input type="text"/>
First	Last

**Date**

<input type="text"/>	/	<input type="text"/>	/	<input type="text"/>	
MM		DD		YYYY	

**Phone**

<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
(###)		###		####

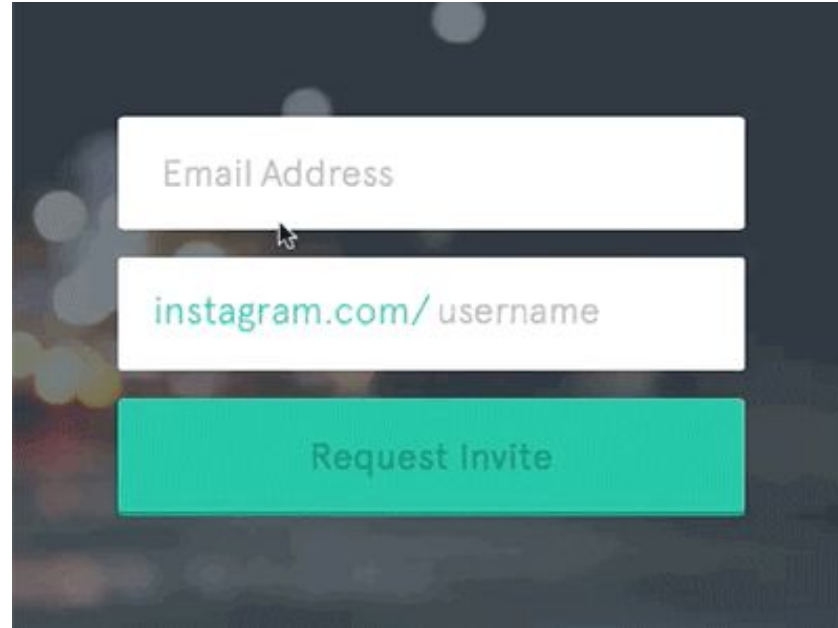
**Web Site**

**Email**

Left vs. Right vs. Top

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# Inline Labels (Placeholder Text)



Email Address

instagram.com/username

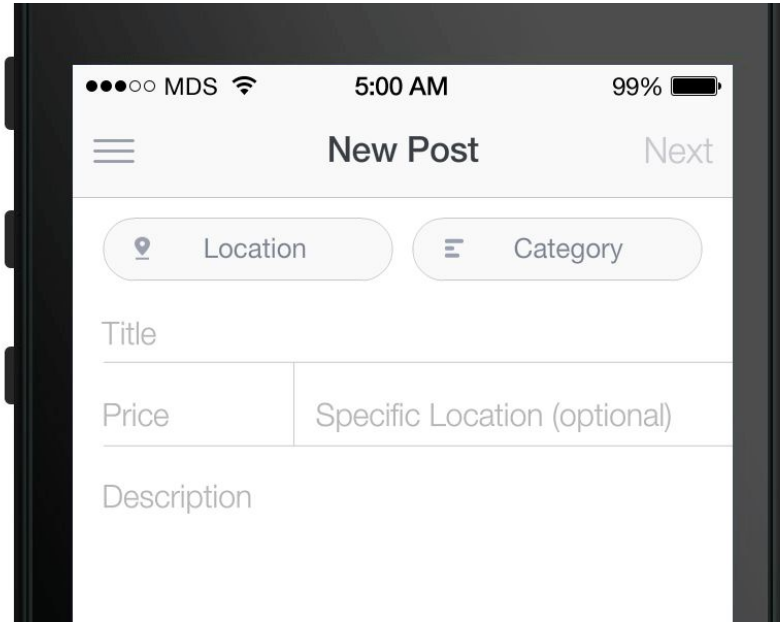
Request Invite

... but bad when there's lot's of input needed

First Name	Last Name	
Email		
Password	Confirm Password	
Address		
(Suite, Apt,...)		
Zip Code	City	State

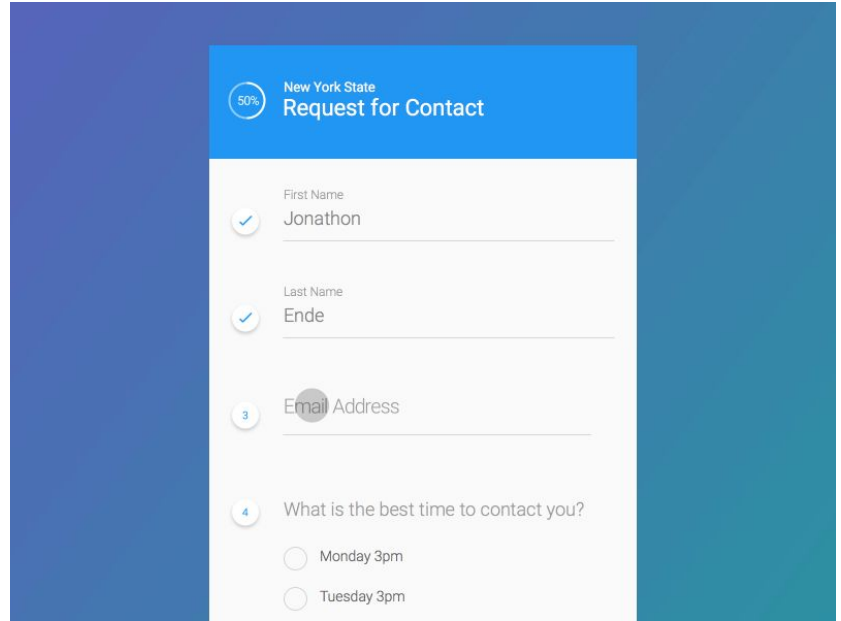
wait... where'd the label go?

# Solution: Floating Labels



A mobile app mockup for a 'New Post' screen. The status bar at the top shows 'MDS', signal strength, '5:00 AM', and '99%' battery. The header has a hamburger menu, 'New Post', and a 'Next' button. Below the header are two floating labels: 'Location' with a location pin icon and 'Category' with a list icon. The form fields are: 'Title', 'Price' (with a sub-label 'Specific Location (optional)'), and 'Description'.

[Dribbble](#)



A web form mockup for a 'Request for Contact' screen. The header is blue with a '50%' progress indicator and the title 'New York State Request for Contact'. The form fields are: 'First Name' (Jonathon), 'Last Name' (Ende), 'Email Address' (with a greyed-out input field), and 'What is the best time to contact you?' (with radio buttons for 'Monday 3pm' and 'Tuesday 3pm').

[Leonardo Zakour](#)

# Action Buttons

# Action Buttons

- Differentiate **primary** from **secondary** actions
- Be aware of button **naming conventions**



Email

Password

**Sign Up** Cancel

Do

Email

Password

Sign Up Cancel

Don't

Email

Password

**Sign Up** Cancel

Do

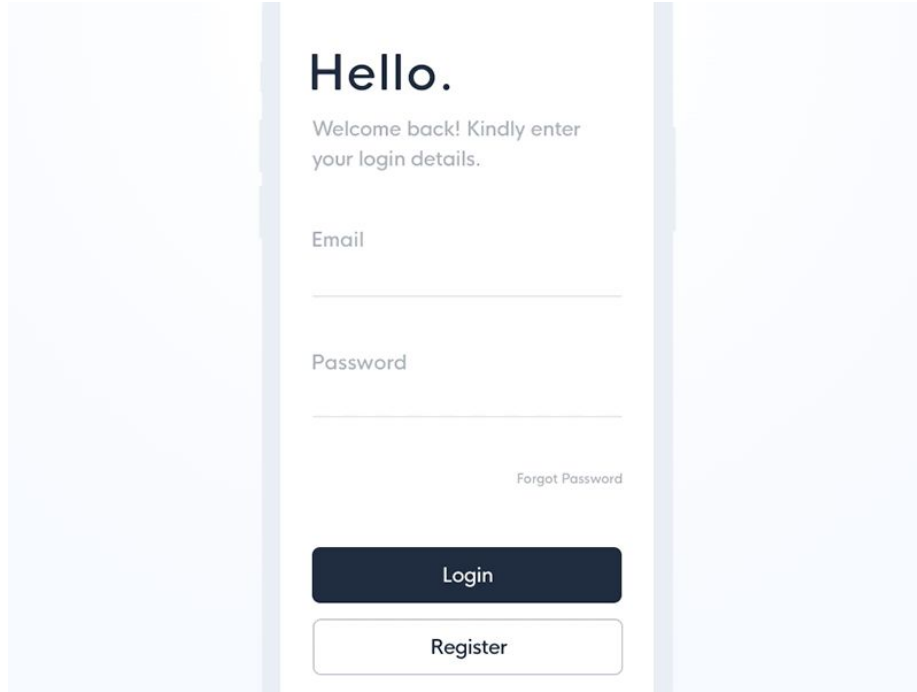
Email

Password

**Submit** Cancel

Don't

# Feedback



A login form design by Emmanuel Torres. The form is centered on a light blue background with vertical grey bars on either side. It features a dark blue header with the text "Hello." and a welcome message. Below this are input fields for "Email" and "Password", a "Forgot Password" link, and two buttons: "Login" (dark blue) and "Register" (white with a dark blue border).

**Hello.**

Welcome back! Kindly enter your login details.

Email

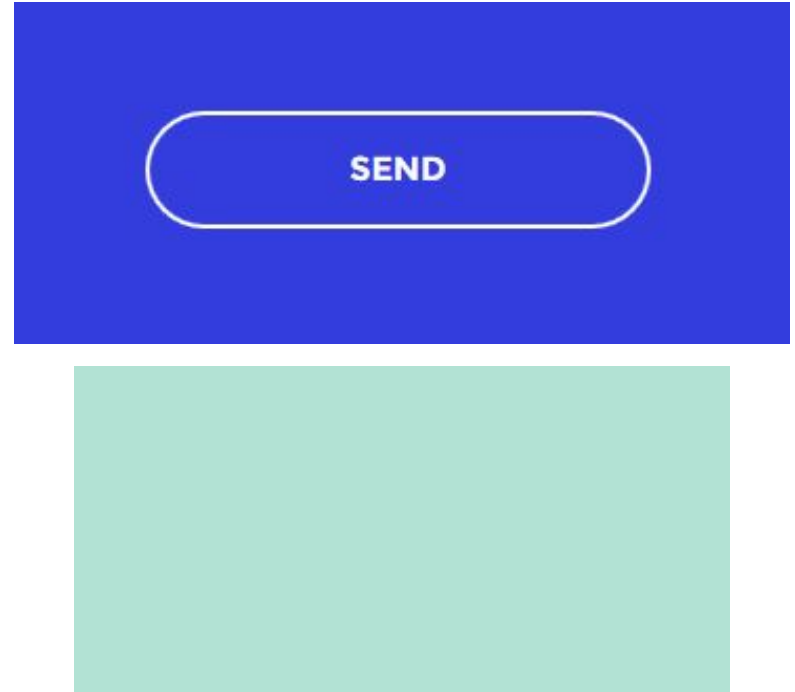
Password

[Forgot Password](#)

Login

Register

Emmanuel Torres



A form design by Colin Garven. It consists of a solid blue rectangular box at the top containing a white rounded rectangle with the word "SEND" in white capital letters. Below this is a solid teal rectangular box.

SEND

Colin Garven



Questions?