











Technology and Your Leasing Staff

Learning What Works and What Doesn't

Dave Luciano, UX Designer, On-Site Christine Richards, Senior VP & COO, EdR

How do you know your leasing solution works?

How do you know your students are happy with your leasing solution?

Agenda

- Introductions
- Current Tech Landscape
- What is User Experience?
- Application of UX Methodology to EdR's Online Leasing
 - What works?
 - What doesn't?

ABOUT US



Christine Richards

- Senior Vice President & COO
- Has served in many roles at EdR since 2001
 - Currently oversees the operations of EdR's housing portfolio and directs the management services division.
- Studied education at the University of Memphis



Dave Luciano

- User Experience Designer
- At On-Site for a year and a half
 - In charge of injecting the user into our product design process.
- Studied human-computer interactions at Stanford University



CURRENT TECH LANDSCAPE



What technology is out there?

of teens 12-17 own a computer





of teens 12-17 can access a computer



What about mobile?

of teens 14-17 own a cellphone





of teens 14-17 own a smartphone





of teens 14-17 own a tablet





of teens 12-13 own a tablet

(may be more indicative of the future of tablets)





Counter Intuitively...

- In a 2013 study on the college search process...
 - 82% of respondents said they'd prefer to view a college website on a PC/laptop.
 - 68% said they've viewed a college website on their mobile device.





Is mobile not a concern for student housing?

On-Site's Renter Traff;, 2013

10%

Desktop

75%

Tablet

275%

Mobile





How about those stats for undergrads?

- 90% of undergrads own a laptop
- 42% own a desktop (which is trending down)
- 72% own a smartphone
- 26% own a tablet

What sites are popular?

Top 5 Websites, US









amazon.com



The Landscape

- Students are using technology left and right.
 - And increasingly so. Your future renters are adopting at younger ages.
- Mobile is essential.
- Website experiences are reaching new levels of delight.
 - And your renters expect your site to match.

How do we get a leasing solution that fits into this technology trend and delights students?

Answer: User Experience

USER EXPERIENCE?



Sooooo... User Experience?

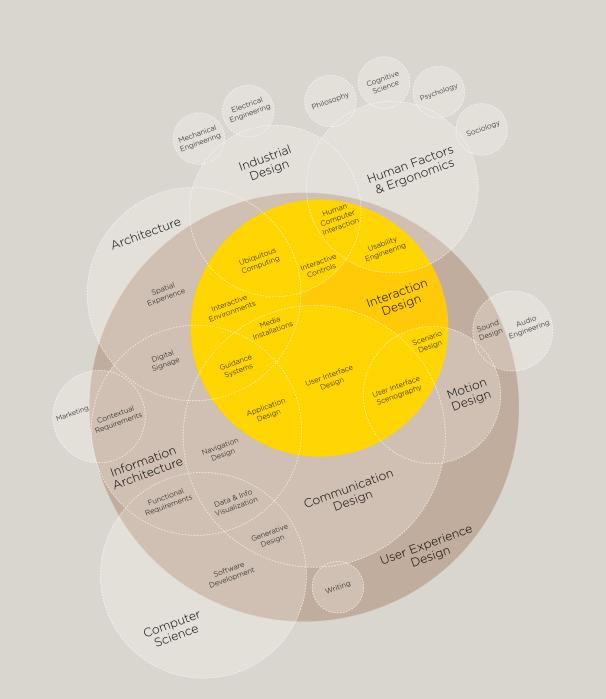
User Experience = UX

"User experience encompasses all aspects of the end-user's interaction with the company, its services, and its products."

- Nielsen Norman Group

http://www.nngroup.com/articles/definition-user-experience/





How do we use these disciplines?

Two Ways:



Applying Design Research



User Testing

Design Guidelines

- Guidelines backed up by research.
- Used by designers as a checklist to find places where their product can improve.

Guideline Example

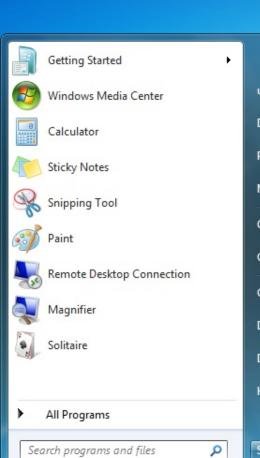
- "Recognition rather than recall."
- Have your users select from a set of options, rather than make up their options.

```
Console2
E:\>hpn
hpn: An HP-style command-line RPN calculator.
Version & build: 1.1.0-2013-08-21-2050-alpha
This program comes with absolutely no warranty:
For details type [w]. This is free software:
You are welcome to redistribute it.
Type [W] for complete terms & conditions.
Copyright (C) C.Kayne 2013, cckayne@gmail.com
[H] Commands help, [h] Operations help, [ESC] Exit
0~1*
            0.0000
# calculate SQRT((2+3)*(4+5))+SQRT((6+7)*(8+9))
2~3+
           5.0000
4~5+
         9.0000
           45.0000
Q~
           6.7082
6~7+
        13.0000
8~9+
       17.0000
           221.0000
           14.8661
           21.5743
\# from the HP-35 manual
 [ RESET. ESC to EXIT ]
"I knew I was lying. 'No Silicon Heaven'?
```

"I knew I was lying. 'No Silicon Heaven'?
Preposterous! Where would all the calculators go?"
--Kryten, Red Dwarf

E:\>



















Do you have any of the following items?

- Aquarium Waterbed
- Boat

- Motorhome
- Motorcycle

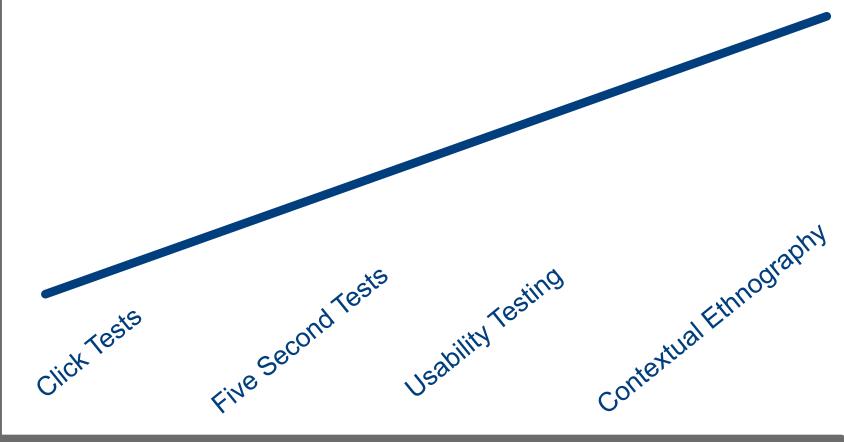
Do you have any items that may damage your apartment or annoy your neighbors?

No, of course not!

User Testing

- Putting actual designs in front of actual users to observe how they interact.
- You'll end up with hard evidence on how successful a design is—or isn't.
- You can iterate a design until you reach a success rate you're happy with.

Types of User Testing

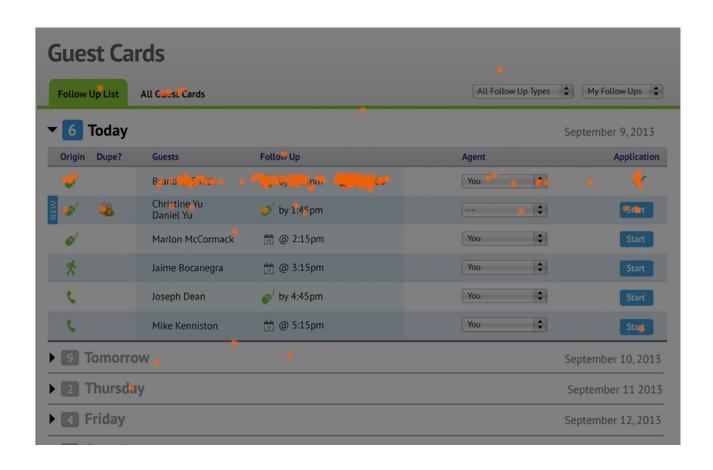


Very Simple Low Touch

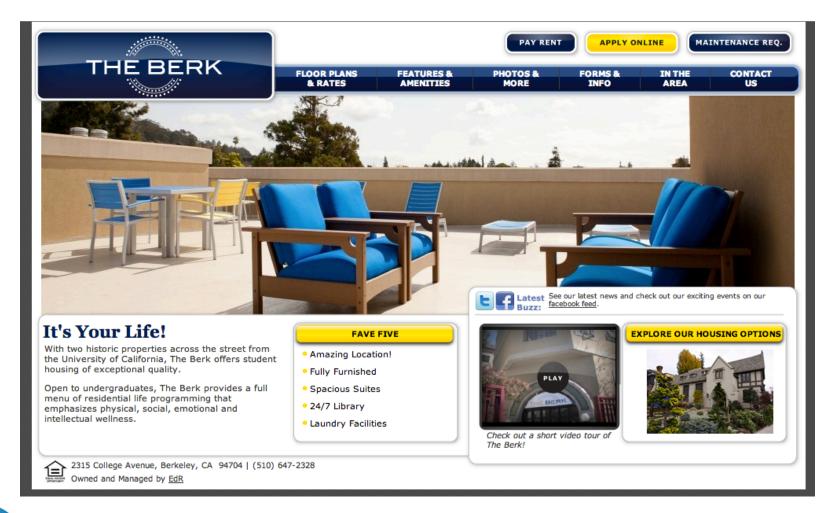
Highly Immersive



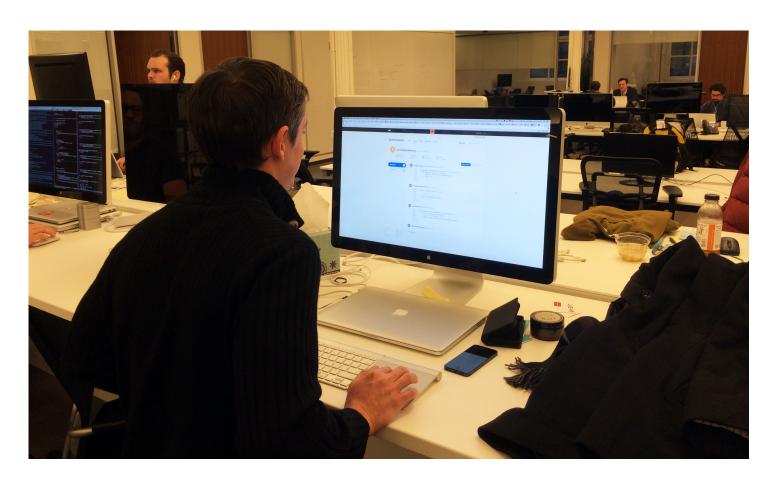
Click Testing



Five Second Tests



Usability Testing

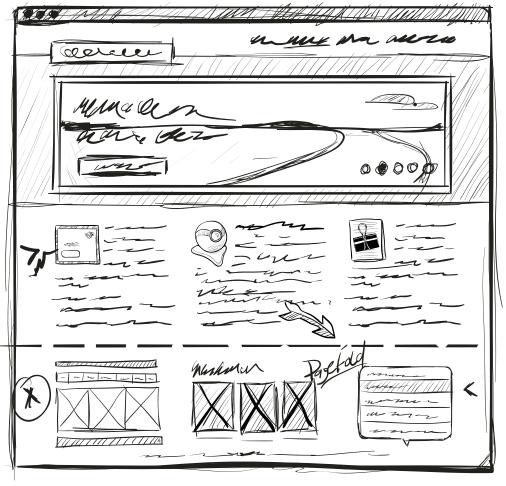


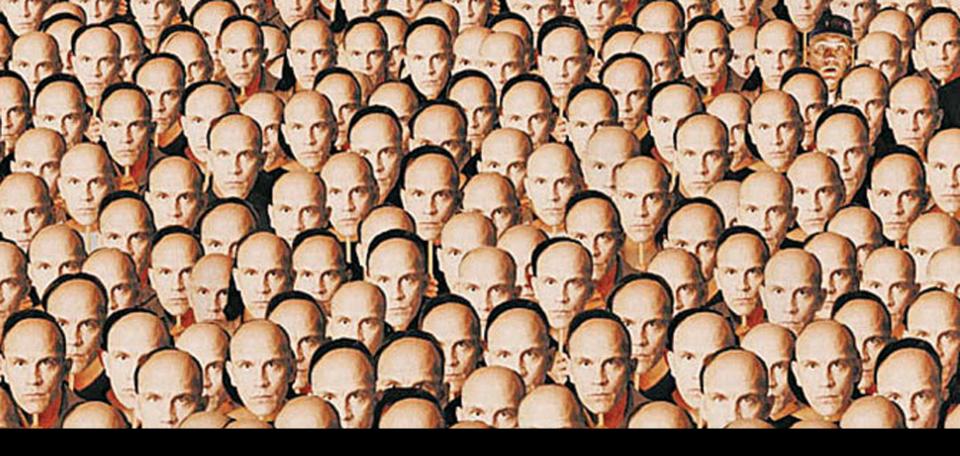
Contextual Ethnography



Why?

Making products for the web is hard work.





We all suffer from the Malkovich Bias.

The tendency to believe that everyone uses the web like we do.

User Testing to the Rescue!

- User testing helps combat the Malkovich Bias.
- We get hard evidence for how users use your product.
- EdR has been at the forefront of applying user testing to their leasing process.

A great experience must...



Delight users



Get out of the way



Improve the renting process

APPLYING UX TO STUDENT HOUSING







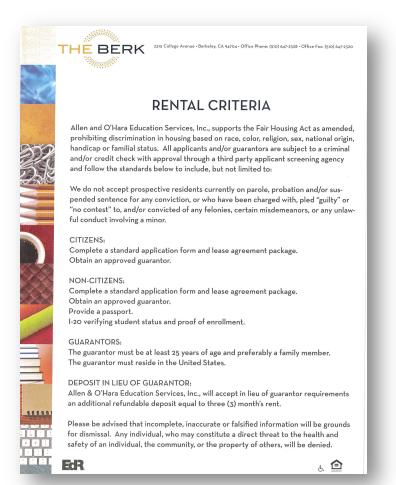
The Tour

- Met with:
 - Josh, the property manager at The Berk
 - Dawn Duckhorn, Property Support Manager
- Spent ~2.5 hours at the property.
- Got a thorough tour of the community, and spent time interviewing the staff.

Rooftop BBQ's and views of the bay?



Documents



	THE BERK 2315 College Avenue - Berkeley, CA 94704 - Office Phone: (510) &47-2338 - Office Fax: (510) &47-2320
	APPLICATION FOR STUDENT APARTMENT Complete your application instantly online at www.TheBerkAtCal.com
STO	CIRCLE DESIRED LOCATION: The Berk on College Suites The Berk on College Apartments The Berk on Arch CIRCLE DESIRED OCCUPANCY: Single Double Triple Quad CIRCLE DESIRED MOVE IN DATE: Fall Semester Spring Semester Summer Semester
	PERSONAL INFORMATION
	First Name: Middle Initial: Last Name:
	Home Phone: (Cell Phone: ()
	Local Address: Email:
	City: State, ZIP: Male Female
	Home Address:
	City: State, ZIP: Date of Birth: / /
and the second	GENERAL INFORMATION
Land of the land	College Enrollment: Yes No Full-time Part-time Expected Graduation Date: /
	College Attending: Classification at Time of Move in: Fr. Soph. Jr. Sr. Grad.
PERSONAL PROPERTY.	High School Attended:
The same of the sa	Previous Housing:
	PARENT/GUARDIAN INFORMATION
	First Name: Relationship:
1000	Home Address:
	City: State, ZIP: Cell Phone: ()
	Email:
	CRIMINAL HISTORY
	Have you ever been convicted of and/or pled "guilty" or "no contest" to any felony regardless of whether such action resulted in jail or prison time served and/or deferred adjudication? Yes No
	Have you ever been convicted of and/or pled "guilty" or "no contest" to any misdemeanor involving theft, burglary, pornography, physical assault, indecent exposure, sexual molestation and/or any unlawful conduct involving a minor, regardless of whether such activity resulted in jail or prison time served and/or deferred adjudication? Yes No
	Are you currently on probation, parole, or suspended sentence for any conviction? Yes No
20000	The undersigned hereby offers to rent premises on terms and conditions described herein and upon acceptance of this application agrees to sign a rental or lease agreement and to pay all sums due, including required fees and or deposits. Application and Service fees are non-refundable. The undersigned warrants that the above-stated information is true and correct and authorizes verification of such information, including, but not limited to, credit and/or criminal check, verification of employment, and rental history.
	SIGNATURE DATE TIME -a.m. p.m.



The Office Calendar

- August → Move In's
- October → Renewals
- June → Move Out's
- July → Roommate Matching

Even the mail pile...



Takeaways

- Contextual ethnography helped us to better understand the leasing process from those on the frontlines.
- Being able to imagine yourself in the leasing office leads to better products, too.

WEBSITES







It's Your Life!

With two historic properties across the street from the University of California, The Berk offers student housing of exceptional quality.

Open to undergraduates, The Berk provides a full menu of residential life programming that emphasizes physical, social, emotional and intellectual wellness.

FAVE FIVE

- Spacious Suites
- Laundry Facilities

- Amazing Location!
- Fully Furnished
- 24/7 Library



Check out a short video tour of The Berk!





2315 College Avenue, Berkeley, CA 94704 | (510) 647-2328 Owned and Managed by EdR



Calls to Action

- It's what you want users to do when they get to your website.
- In this case, it's applying online.

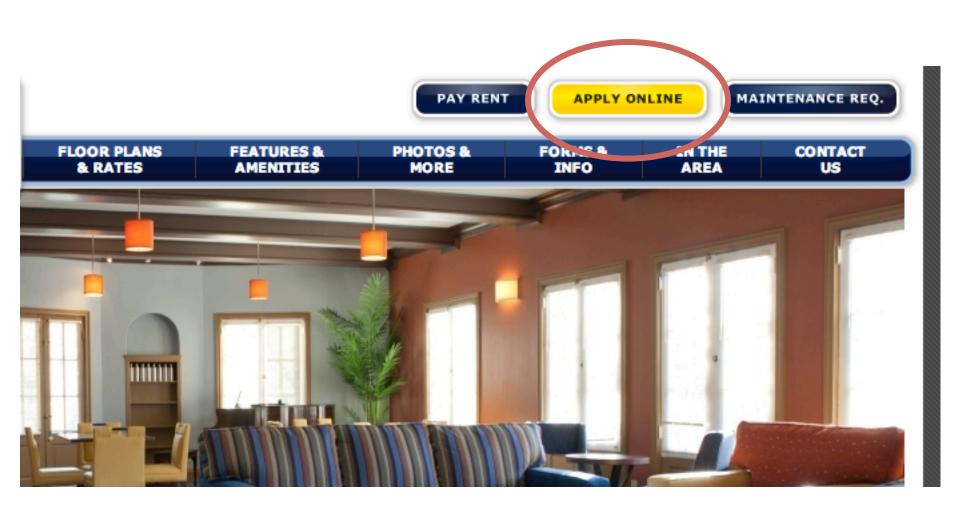
Calls to Action

Do:

- Make your CTA a dominant element on the page.
- Let the CTA stand out on the page.
- Clearly label your CTA.

Don't:

- Become a secondary element.
- Blend in, especially with other colors of the design.
- Use dubious labels.



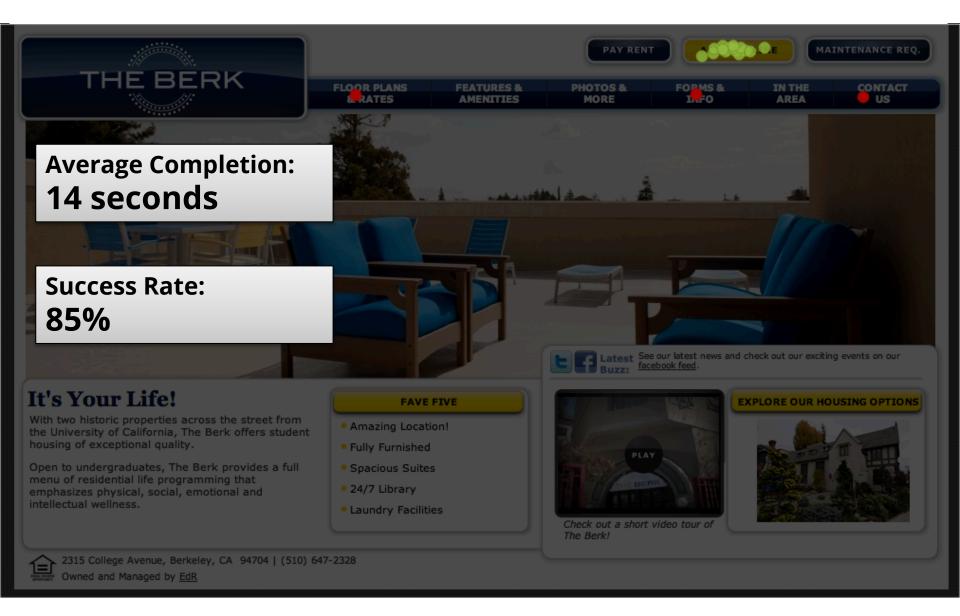


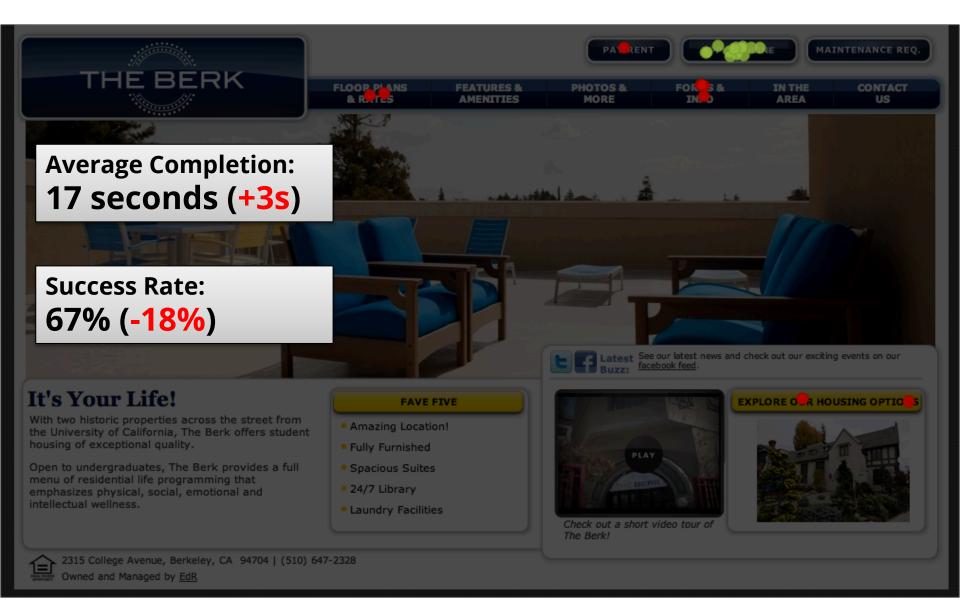
The Berk's CTA:

- It does not blend in with the rest of the page
 - Yellow is used sparingly in the design.
- It's clearly labeled with "Apply Online".
- Is featured prominently in the top right, and is consistent among all pages.

Shall we prove it?

- Click Test Scenario:
 - You're a student looking for an apartment, and you find a community you'd like to live at in the upcoming school year. Fill out a rental application.
- Remember: we're looking for that "Apply Online" button!



















Photography

- NN Group study:
 - "Some types of pictures are completely ignored. This is typically the case for big feelgood images that are purely decorative."





Photography

Do:

- Include real photos of your property.
- Show multiple areas: the outside, the rooms, the amenities.
- Put the focus on your product.

Don't:

 Use stock photography. Students will be able to tell the difference.

What's behind the "Floor Plans & Rates" link?



What's behind the "Features & Amenities" link?



Navigational Links

(And any labeled content, really)

- NN Group study:
 - "Should give people a strong indication of what will happen even before they click on the link."
 - "Clever category names cause doubt and hinder site exploration."





Navigational Links

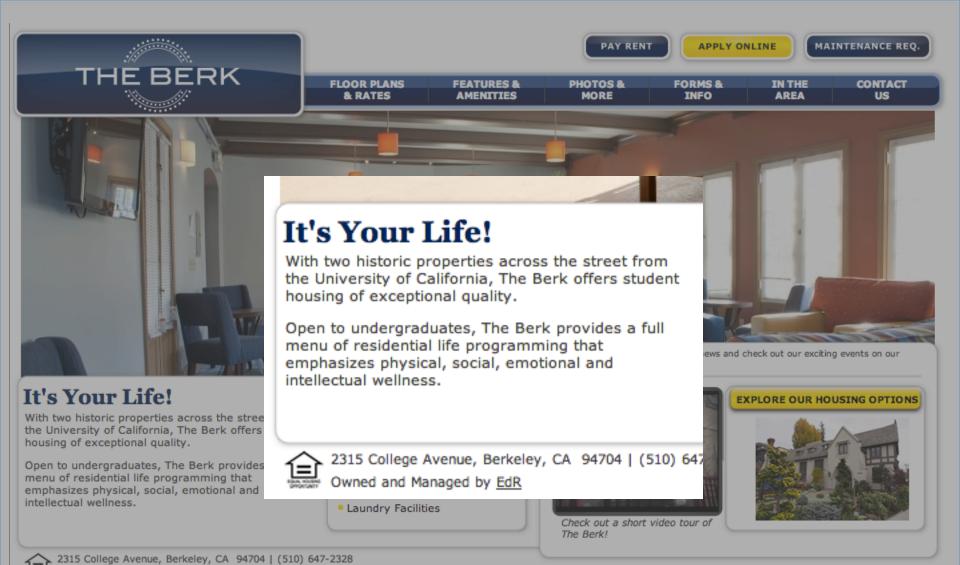
(And any labeled content, really)

· Do:

- Clearly label your links.
- Be short, and concise with your language.

Don't:

- Use vague terminology, like "Inspired Living" or "Luxury Living".
- Use leasing industry jargon.





Owned and Managed by EdR

2014 NAA STUDENT HOUSING CONFERENCE & EXPOSITION

Tag Lines

- NN Group study:
 - "Include a tag line that explicitly summarizes what the site or company does."
- At the Berk, we know:
 - What university is nearby.
 - Who the audience is (undergrads).
 - And that it's more than just a roof over their head.

Tag Lines

Do:

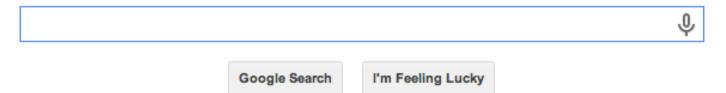
- Be very clear that this is an apartment community website.
- Let the user know where the community is located and what the biggest "perk" of living there is.

Don't:

- Use too many words. Keep it short and sweet.
- Use leasing industry jargon.

What's nice about Google's homepage?







Clean, Simple Design

- NN Group study:
 - "Students often judge sites on how they look.
 But they usually prefer sites that look clean and simple rather than flashy and busy."
- Simple designs with focus are trending on the web now, as well.





Clean, Simple Design

Do:

- Keep your design simple. Stick to a few colors and streamline the media.
- Make use of white space to put emphasis on the important things.

Don't:

- Go crazy with flashiness.
- Put too much content on one page.

Navigation is streamlined and simple.



APPLY ONLINE

MAINTENANCE REQ.



FLOOR PLANS & RATES FEATURES & AMENITIES

PHOTOS & MORE

FORMS & INFO

IN THE

CONTACT

The Berk on College























Focus on the photos!

Plenty of space to let them breathe—no crowding.



THE ONLINE APPLICATION



The Online Application

- What's the app flow?
 - Apply as a student for the floorplan you like.
 - Answer roommate matching questions.
 - Sign your lease online!
 - Invite your guarantor.
 - Have your guarantor sign their docs online.











Which apartment would you like?

Minimum size:

1+ bedrooms ‡

DOUBLE

1 bed, 1 bath

Apartment	Rent	Deposit	Description	Available	Apply
WTN1DX2	from \$1,079	\$0	The Berk on Arch	08/22/2014	Apply

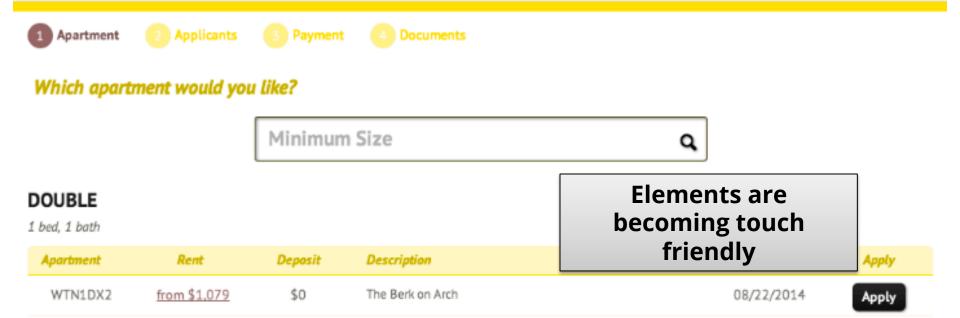
DOUBLE SUITE

1 bed, 1 bath

Apartment	Rent	Deposit	Description	Available	Apply
WTR1DX4	from \$1,079	\$0	The Berk on College	08/22/2014	Apply



The application on an iPad



DOUBLE SUITE

1 bed, 1 bath

Apartment	Rent	Deposit	Description	Available	Apply
WTR1DX4	from \$1,079	\$0	The Berk on College	08/22/2014	Apply



The application on a smartphone step 1 of 8 Which apartment would you like? Minimum Size DOUBLE **ailable units: 1 **Everything has OUBLE SUITE** condensed Available units: 1 The design looks more "mobile" as well QUAD Available units: 1 TRIPLE Available units: 2

Responsively Designed

- Leverages "responsive design".
 - The design responds to the size of the device.
- NN Group:
 - "Installing a native or hybrid app is a hassle for users: They need to be really motivated to justify the effort."





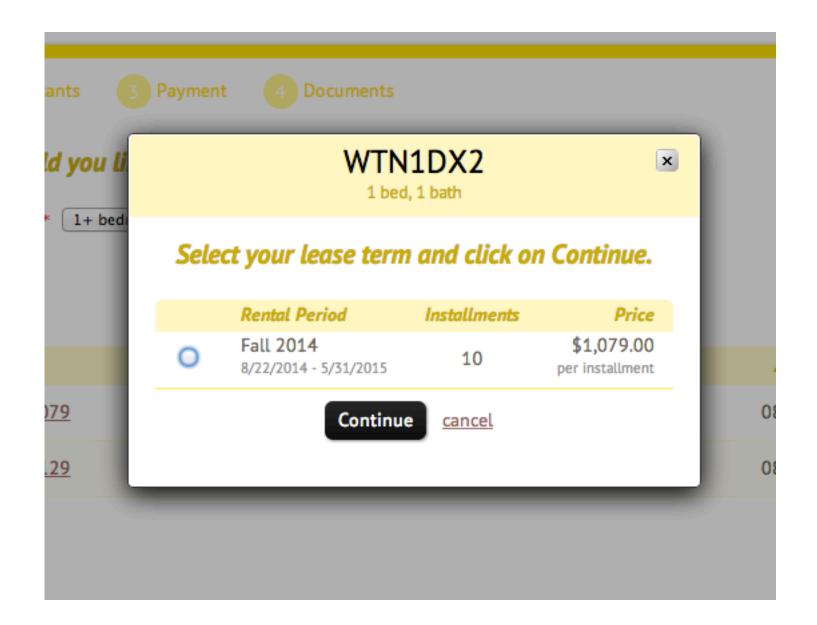
Responsively Designed

· Do:

- Use responsive design for your prospect and applicant facing websites.
 - Benefit: it works for current devices, and any future devices that Silicon Valley dreams up.

• Don't:

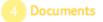
 Make applicants download an app to complete a one-time action, such as applying online.











Thank you for applying to The Berk.

This online process is secure and all submissions are encrypted for your protection. Please enter all requested information and click "Continue...."

Personal Information

First Name:	*	M.I.:
Last Name:	*	Suffix: \$
Social Security #:	*	Use a different I.D.
Date of Birth:	*	
Phone:	*	
Alternate Phone:		
Email Address:	*	

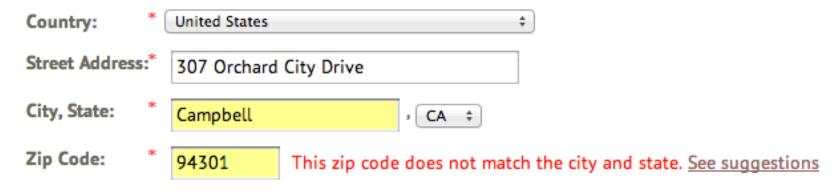
Current Address

Country: *	United States	‡
Street Address:*		
City, State:	, CA +	
Zip Code: *		

Application Summary Apartment: WTN1DX2 (1b/1.0ba) Move-In: 08/22/2014 Lease End Date: 05/31/2015 Rent: \$1,079.00 Total Per Installment: \$1,079.00

Uh-oh...

Current Address



back Save and Continue...

Give Specific Error Messages

NN Group:

- "Error messages should be expressed in plain language (no codes), precisely indicate the problem, and constructively suggest a solution."





Give Specific Error Messages

Do:

- Report errors as they happen.
- Be clear and concise with the error language.
- Offer a potential solution.

Don't:

- Wait until the next page load to report errors (if possible).
- Leave users hanging without a solution.

Additional Questions

Gender:	*	Please Specify	†
Roommate Gender Preference:	*	Please Specify	*
I Smoke:	*	Please Specify	‡
I Drink:	*	Please Specify	‡
My Noise Level is Similar to:	*	Please Specify	‡
I Keep My Living Space:	*	Please Specify	‡
I Study:	*	Please Specify	‡
When it Comes to Sleep, I:	*	Please Specify	‡
I Have Friends Over:	*	Please Specify	‡
Class Standing:	*	Please Specify	‡
Major:	*		
Hobbies:	*		
Special Considerations:			
Building/Floor Plan Requested:			
Bedroom Requested:			
Requested Roommates:			









Item	Quantity	Total
Application Fee for The Berk	1	\$40.00

Accepted Cards: USA AMEX

Credit Card #: 41111111111111111

Expiration Date: 02 \$ 2014 \$

Verification #: 123 What's this?

Name on Card: Fred Flintstone

Billing Address: 307 Orchard City Dr

City, State, Zip: Campbell CA \$ 95008

- I hereby authorize The Berk and its agents to charge the above credit card a non-refundable fee of \$40.00, and I agree to pay all charges in accordance with the terms of my cardholder statement.
- The undersigned hereby offers to rent premises on terms and conditions described herein and upon acceptance of this application agrees to sign a rental or lease agreement and to pay all sums due, including required fees and or deposits. Application and service fees are non-refundable. The undersigned warrants that the above stated information, including but not limited to, credit and/or criminal check, verification of employment, and rental history. I understand there are no limitations or restrictions regarding what may be discussed or revealed. I am aware that a credit history, eviction search and criminal background check will be done in conjunction with my application. I understand that I may have the right to make a written request within a reasonable period of time to receive additional, detailed information about the nature and scope of this investigation.

By submitting this application, I hereby consent to the delivery of all notices or disclosures required by law via any medium so chosen by the community or On-Site.com, including but not limited to email or other electronic transmission. Notices shall be deemed received upon being sent.

Application Summary				
Fred Flintstone	Ø			
Apartment:	WTN1DX2 (1b/1.0ba)			
Move-In:	08/22/2014			
Lease End Date:	05/31/2015			
Rent:	\$1,079.00			
Total Per Installment:	\$1,079.00			

Numbered Steps

- Being explicit about the number of steps involved in the application will give applicants peace of mind.
- Not knowing how much is left is aggravating.
 - Especially when filling out web forms online.

Numbered Steps

Do:

- Be explicit about the # of steps.
- Place the step indicator at the top of the page.

Don't:

- Use symbols or dots. This isn't as recognizable.
- Place the progress indicator at the bottom of the page.

Welcome Home!

Based on the information you provided, you are qualified to lease with us. Your approval will be finalized for move-in when our leasing staff confirms your information. We look forward to welcoming you home!

Below is your receipt for the non-refundable application fee, which was charged by On-Site.com for York University (DEMO). If you have any questions about the status of your application, please contact York University (DEMO) at (425) 555-1212.

Sign Lease Documents





Scroll through each page and click in the colored box above each signature or initials box to sign. This is a legally binding document.





Page 1 of 11

York University (DEMO)

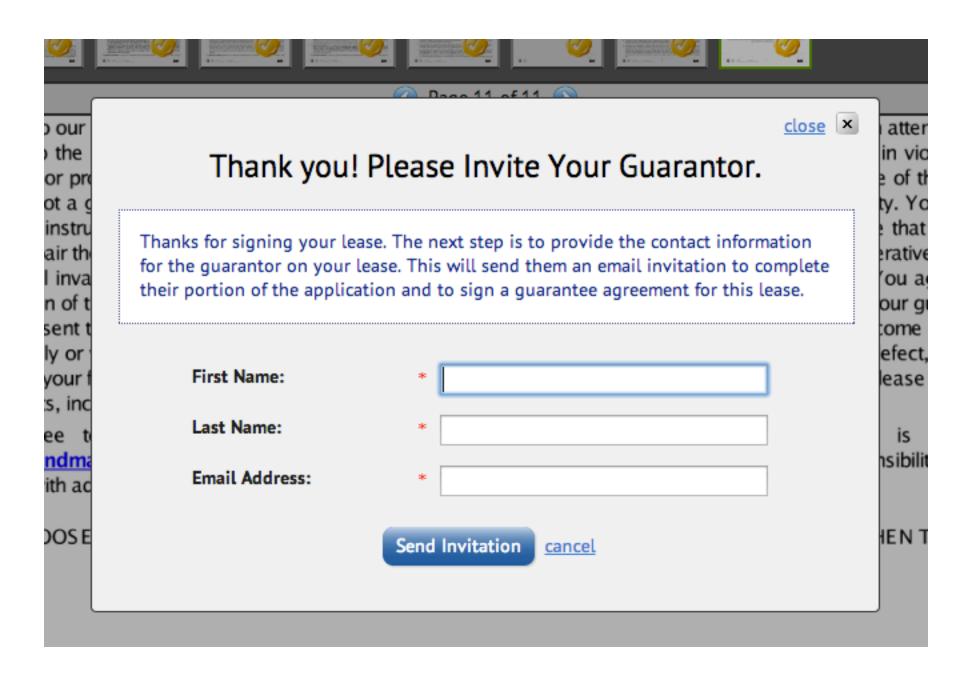
LEASE AGREEMENT

NOTE: PLEASE RETURN ALL THREE COPIES FOR OWNER SIGNATURE

Date:	Apartment Community:				
February 7, 2014	York University (DEMO) (the "Community")				
Tenant Name:		Social Security No.:	Permanent Address:		
Freddy W. Mouse (herein "you" or "your")		999-99-****	123 Main Str.		
			Mountain View, CA 94040		
Landlord/Owner:			Owner's Address:		
York University (DEMO	<u>)</u>	2825 Colby Ave			
(the "Owner" or "us", "we" or "our" and any reference to us includes our Manager)			Everett, WA 98203		
Property Manager: Lease Term:		Lease Term:			
("Manager") <u>September</u>			arting Date") to <u>June 30, 2014</u> ("Ending Date")		

READ THIS LEASE CAREFULLY. THIS IS YOUR CONTRACT WITH US. THIS IS OUR ENTIRE AGREEMENT. NO ORAL REPRESENTATIONS MADE BY US OR ANY OTHER PROMISES OUTSIDE OF THIS LEASE ARE BINDING UPON US.

1. LEASED PREMISES: We agree to lease to you and you agree to lease from us, one furnished bedroom for your exclusive use (referred to herein as your "Bedroom") in a 1 bedroom apartment, and together with the other residents of the apartment, you have the joint right to use the common areas of the apartment, which are composed of those areas within the apartment to which you have access without going into another bedroom, including the living room, kitchen, a common bathroom, all of the associated appliances and furnishings, and where applicable, laundry facilities within the Apartment (the "Common Areas"). Your Bedroom, the other bedrooms in the apartment and the Common Areas are referred to



One Sitting

- The online app allows students to complete everything they need in one sitting.
- Attention spans can run very low.
- Finishing all steps at once is one less reason to need to follow-up with the student to get a lease signed.

One Sitting

· Do:

- Allow for lease documents to be signed as soon as they're available.
- Allow the guarantor to be added and invited to sign their portion.

Don't:

Make the applicant pick up the phone to get information.

Do you know if your students are happy with your leasing solution?



NEXT GENERATION

2014 NAA STUDENT HOUSING CONFERENCE & EXPOSITION











Thank you!