

### CURTIS LAUTERBACH, AJI SOFTWARE, SUMMER 2014



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# **USER EXPERIENCE DESIGN INTERN**

**Duties:** 

- Attended strategic content meeting
- Collaborate with team members
- Design wire frames and prototypes
- Usability testing
- Presented to a client
- Blogs
- Advertising our project





# THESE WERE THE TYPES OF PROJECTS THE COMPANY WORKED ON

VFW-Online store

Ewing Marion Kauffman Foundation-Digital collaboration tool

Script Pro-Web prescription refill

Zahner-iPhone inventory management & intranet

KU Medical Center-Collaboration system

Manchester Park-School portal

Company-Social networking-Blogs/News feed





# THESE WERE THE TYPES OF PROJECTS THAT I WORKED ON

Manchester Park Elementary Portals

Blogs

Advertising Video





# MANCHESTER PARK ELEMENTARY

Inefficient system

- Extensive notification process
- Cannot enhance education and parental involvement
- Extensive process to change schedules





### PERSONAS

#### Jill - The School Administrator

Name:	Jill		
Title:	Administrator		
Age Range:		Mas	
Industry:	Elementary Education Administration		
Location:	Lenexa, KS		
GOALS:	<ul> <li>Get information on current day's events</li> <li>Communicate school wide events to parents and staff</li> <li>Manage events</li> <li>Manage staff</li> </ul>		
HOW WE CAN HELP:	<ul> <li>Provide multiple functions on one page for quick access</li> <li>Quickly and easily send information through notifications and events</li> </ul>		
KEY QUOTE:	"I need to be able to quickly see my day's activities and notify staff and parents of special events."		
CONTENT CHANNELS:	<ul> <li>Home page with current week events/activities</li> <li>Notification and calendar portals</li> </ul>		

#### Karen - Second Grade Teacher

Name:	Karen			
Title:	Elementary Teacher			
Age Range:				
Industry:	Education			
Location:	Lenexa, KS			
GOALS:	<ul> <li>Get information on current day's events</li> <li>Communicate class events to parents</li> <li>Manage events</li> <li>Manage class roster</li> <li>Create, edit, and send educational games to parents</li> </ul>			
HOW WE CAN HELP:	<ul> <li>Provide multiple functions on one page for quick access</li> <li>Quickly and easily send information through notifications and events</li> <li>Provide the ability to create, edit, and send educational games to assist in education</li> </ul>			
KEY QUOTE:	"Communication with my students' parents is very important. I feel that they need to b informed so they can be involved in their child's education"			
CONTENT CHANNELS:	Tione page mar carent reen eventeraeurnae			

Manage student roster





# ADDRESSING THE CHALLENGE

Researched current systems

Matched concepts with needs

**Design Concept:** 

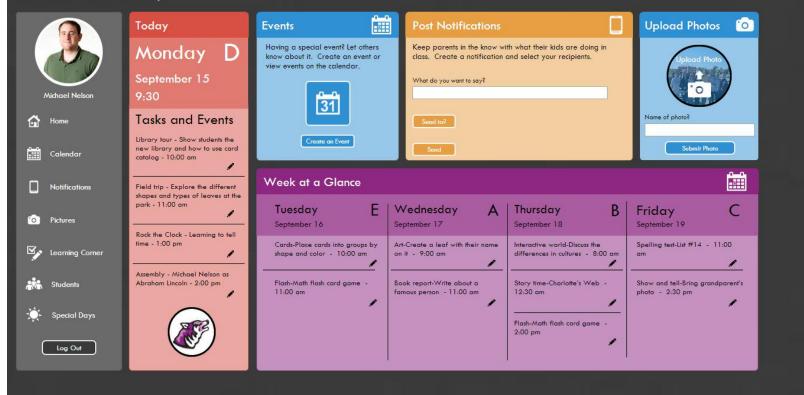
- Streamlined
- Centralized
- Common features up front
- Regular access to common features





### ADDRESSING THE CHALLENGE-DASHBOARD

#### **Manchester Park Elementary**







### ADDRESSING THE CHALLENGE-NOTIFICATIONS

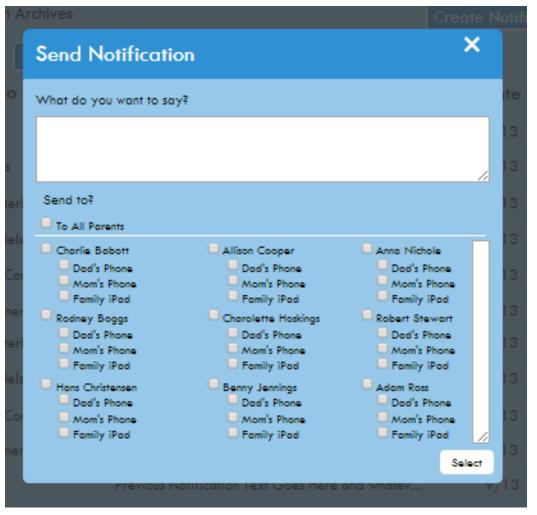
#### Manchester Park Elementary

	Push Notifications			
	Notification Archives		Create Notification	
	Sent Notifications		Delete Select A	
ichael Nelson	Sent To	Message	Date	
Home	📮 John Doe	Previous Notification Text Goes Here and whatev	9/13	
10116	All Parents	Previous Notification Text Goes Here and whatev	9/13	
Calendar	Curtis Lauterbach	Previous Notification Text Goes Here and whatev	9/13	
-	Michael Nelson	Previous Notification Text Goes Here	9/13	
Notifications	Allison O'Connor	Previous Notification Text Goes Here	9/13	
	🗢 Ryan Zimmerman	Previous Notification Text Goes Here and whatev	9/13	
Pictures	Curtis Lauterbach	Previous Notification Text Goes Here and whatev	9/13	
Learning Corner	Michael Nelson	Previous Notification Text Goes Here	9/13	
	Allison O'Connor	Previous Notification Text Goes Here and whatev	9/13	
Students	📴 Ryan Zimmerman	Previous Notification Text Goes Here	9/13	
Special Days	🔲 John Doe	Previous Notification Text Goes Here and whatev	9/13	
	💭 Jane Doe	Previous Notification Text Goes Here and whatev	9/13	
Log Out	John Doe	Previous Natification Text Goes Here and whatev	9/13	





### ADDRESSING THE CHALLENGE-INTERACTION





### ADDRESSING THE CHALLENGE-LEARNING CORNER

#### **Manchester Park Elementary**

	Send Activities	Assigned Games	
	Send activities to parents of students. You can select specific activities to assist your students in learning.	Students who have completed assigned games are shown with "Completed Game" on the right.	
Michael Nelson	What do you want to say?	Charlie Babbott Assigned Games	
Home	Send to?	Grade 3 - Multiplication (2's) - Advanced 8/10 Grade 3 - Spelling (List #6) - Regular	
Calendar	Select Activity Make a Selection	Benny Jennings Charles Manning	
Notifications	Send	Hans Christensen Completed Game	
o Pictures	Learning Corner	Charolette Hoskings	
Learning Corner	Make learning fun with games and activities. Create and edit spedific activities and send them out. You can also create activities for advanced and those a little behind.	Joseline Webb Completed Game Rodney Boggs Donna Nickel	
Students	Spelling List Multiple Choice Flash Cards School Archives	Rachel Bell Completed Game	
🔆 Special Days		Rob Stewart	
Log Out	Add List Add Quiz Add Set Archives	Allison Cooper Josh Becket	

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# OUTCOMES

Tested throughout the development process

Concept

Ensured the concept matched user's needs

#### Layout

Could users find the right function

High-fidelity testing

- Tested with target users:
  - Suggested altering the addresses for sending
  - Add a drop down for searching grade levels in the learning corner





# CHALLENGES

Did not meet with clients initially

Testing

- Out for the summer
- Trainability of staff
  - Short
  - Transferable





# LESSONS LEARNED

Take your Time

- Research current designs
- You should strive to complete work by the deadline

Collaboration

Make sure that your design are POSSIBLE

Learn and Share Knowledge

Language and techniques of developers

Be mindful of the business's needs





# THINGS THAT SURPRISED ME

Fast pace with learning curve

- Agile
- Sprints

Open collaboration





# SKILLS THAT I USED

User research

Wire framing

Marketing

Prototyping

Writing

**USAB** testing





# SKILLS THAT I LEARNED

Agile

Lean UX

Wire frame/Prototyping tools

- Pencil
- GIMP

Goal setting

Listening





# TAKE HOME MESSAGE

Learn all you can now

- Design Basics
- Agile
- Smashing magazine
- uxmag.com
- AJI news and blogs
- Create real world situations
- Collaborate
- HTML5/CSS3/PHP
- Illustrator





### SUMMARY

Throughout my internship:

- Learned and displayed my skills
- Collaborate with other team members
- Learned a lot more about the business side and social networking

I recommend that AJI continue to be a place for interns:

- Collaboration
- Education
- Quality

