



# CURTIS LAUTERBACH, AJI SOFTWARE, SUMMER 2014

COPYRIGHT AJI SOFTWARE, ALL RIGHTS RESERVED





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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





Overview



Manchester  
Park



Lessons  
Learned



Summary

# THESE WERE THE TYPES OF PROJECTS THAT I WORKED ON

Manchester Park Elementary Portals

Blogs

Advertising Video





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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:** 30 – 50  
**Industry:** Elementary Education Administration  
**Location:** Lenexa, KS



- GOALS:**
- Get information on current day's events
  - Communicate school wide events to parents and staff
  - Manage events
  - Manage staff

- HOW WE CAN HELP:**
- Provide multiple functions on one page for quick access
  - Quickly and easily send information through notifications and events

**KEY QUOTE:** "I need to be able to quickly see my day's activities and notify staff and parents of special events."

- CONTENT CHANNELS:**
- Home page with current week events/activities
  - Notification and calendar portals

## Karen – Second Grade Teacher

**Name:** Karen  
**Title:** Elementary Teacher  
**Age Range:** 21-40  
**Industry:** Education  
**Location:** Lenexa, KS



- GOALS:**
- Get information on current day's events
  - Communicate class events to parents
  - Manage events
  - Manage class roster
  - Create, edit, and send educational games to parents

- HOW WE CAN HELP:**
- Provide multiple functions on one page for quick access
  - Quickly and easily send information through notifications and events
  - Provide the ability to create, edit, and send educational games to assist in education

**KEY QUOTE:** "Communication with my students' parents is very important. I feel that they need to be informed so they can be involved in their child's education"

- CONTENT CHANNELS:**
- Home page with current week events/activities
  - Notification and calendar portals
  - Learning corner with educational games
  - Manage student roster





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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



Michael Nelson

- Home
- Calendar
- Notifications
- Pictures
- Learning Corner
- Students
- Special Days

Log Out

**Today**

**Monday** D

September 15

9:30


**Tasks and Events**

Library tour - Show students the new library and how to use card catalog - 10:00 am

Field trip - Explore the different shapes and types of leaves at the park - 11:00 am


Rock the Clock - Learning to tell time - 1:00 pm

Assembly - Michael Nelson as Abraham Lincoln - 2:00 pm



**Events**

Having a special event? Let others know about it. Create an event or view events on the calendar.



Create an Event

**Post Notifications**

Keep parents in the know with what their kids are doing in class. Create a notification and select your recipients.


What do you want to say?

Send to?

Send

**Upload Photos**

Upload Photo



Name of photo?

Submit Photo

**Week at a Glance**

Tuesday September 16	Wednesday September 17	Thursday September 18	Friday September 19
<p><b>E</b></p> <p>Cards-Place cards into groups by shape and color - 10:00 am</p> <p>Flash-Math flash card game - 11:00 am</p>	<p><b>A</b></p> <p>Art-Create a leaf with their name on it - 9:00 am</p> <p>Book report-Write about a famous person - 11:00 am</p>	<p><b>B</b></p> <p>Interactive world-Discuss the differences in cultures - 8:00 am</p> <p>Story time-Charlotte's Web - 12:30 am</p> <p>Flash-Math flash card game - 2:00 pm</p>	<p><b>C</b></p> <p>Spelling test-List #14 - 11:00 am</p> <p>Show and tell-Bring grandparent's photo - 2:30 pm</p>







Overview



Manchester Park




Lessons Learned



Summary

# ADDRESSING THE CHALLENGE-NOTIFICATIONS

Manchester Park Elementary



Michael Nelson

- Home
- Calendar
- Notifications
- Pictures
- Learning Corner
- Students
- Special Days

Log Out

### Push Notifications

Notification Archives

Sent Notifications ▾

[Create Notification](#)  
[Delete](#)  Select All

Sent To	Message	Date
<input type="checkbox"/> John Doe	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> All Parents	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Curtis Lauterbach	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Michael Nelson	Previous Notification Text Goes Here	9/13
<input type="checkbox"/> Allison O'Connor	Previous Notification Text Goes Here	9/13
<input type="checkbox"/> Ryan Zimmerman	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Curtis Lauterbach	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Michael Nelson	Previous Notification Text Goes Here	9/13
<input type="checkbox"/> Allison O'Connor	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Ryan Zimmerman	Previous Notification Text Goes Here	9/13
<input type="checkbox"/> John Doe	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> Jane Doe	Previous Notification Text Goes Here and whatev...	9/13
<input type="checkbox"/> John Doe	Previous Notification Text Goes Here and whatev...	9/13





Overview



Manchester  
Park



Lessons  
Learned



Summary

# ADDRESSING THE CHALLENGE- INTERACTION

Archives Create Notif

✕

## Send Notification

What do you want to say?

Send to?

To All Parents

---


<input type="checkbox"/> Charlie Babott <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Allison Cooper <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Anna Nichole <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad
<input type="checkbox"/> Rodney Boggs <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Charolette Hoskings <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Robert Stewart <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad
<input type="checkbox"/> Hans Christensen <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Benny Jennings <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad	<input type="checkbox"/> Adam Ross <input type="checkbox"/> Dad's Phone <input type="checkbox"/> Mom's Phone <input type="checkbox"/> Family iPad

PREVIOUS NOTIFICATION TEXT GOES HERE AND WHATEVER...



# ADDRESSING THE CHALLENGE-LEARNING CORNER

## Manchester Park Elementary



Michael Nelson

- Home
- Calendar
- Notifications
- Pictures
- Learning Corner
- Students
- Special Days

Log Out

### Send Activities

Send activities to parents of students. You can select specific activities to assist your students in learning.

What do you want to say?

Send to?

Select Activity

Make a Selection

Send

### Learning Corner

Make learning fun with games and activities. Create and edit specific activities and send them out. You can also create activities for advanced and those a little behind.

- Spelling List
- Multiple Choice
- Flash Cards
- School Archives

### Assigned Games

Students who have completed assigned games are shown with "Completed Game" on the right.

Charlie Babbott

Assigned Games

- Grade 3 - Multiplication (2's) - Advanced 8/10
- Grade 3 - Spelling (List #6) - Regular

Benny Jennings

Charles Manning

Hans Christensen Completed Game

Michael Nelson

Charolette Hoskings

Joseline Webb Completed Game

Rodney Boggs

Donna Nickel

Rachel Bell Completed Game

Anna Nichole

Rob Stewart

Allison Cooper

Josh Becket





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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





Overview



Manchester  
Park



Lessons  
Learned



Summary

# CHALLENGES

Did not meet with clients initially

Testing

- Out for the summer

Trainability of staff

- Short
- Transferable





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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





Overview



Manchester  
Park



Lessons  
Learned



Summary

# THINGS THAT SURPRISED ME

Fast pace with learning curve

- Agile
- Sprints

Open collaboration







Overview



Manchester  
Park



Lessons  
Learned



Summary

# SKILLS THAT I USED

User research

Wire framing

Marketing

Prototyping

Writing

USAB testing





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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





Overview



Manchester  
Park



Lessons  
Learned



Summary

# 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

