

# **IDP Project 2**

## **Reservations Reconceived**

Nathan Bilancio

Mengyao Zhao

Jeff Catania

*HCI/d, Indiana University Bloomington*

## **The Problem**

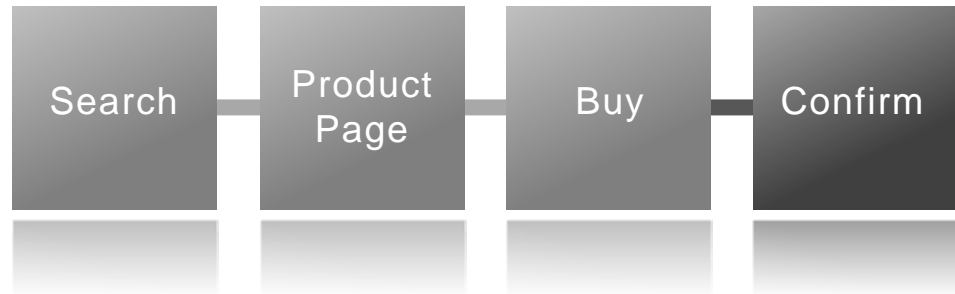
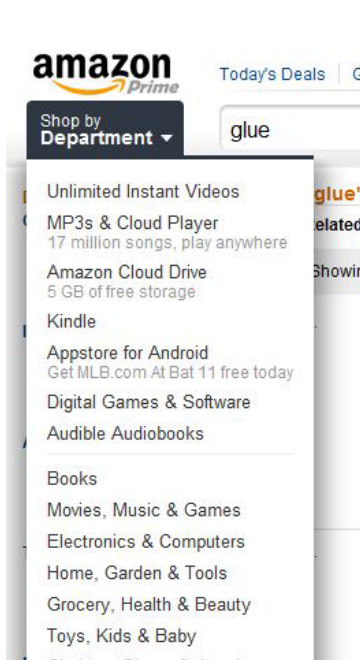
*Design a library/museum reservation system that enhances communities by recommending facility resources.*

## **Predispositions**

- Each reservation is unique.
- A user is not aware of every single resource accessible.

# Research

Amazon.com



# Research

## Vancouver Public Library

### Event Details

DATES REQUESTED \*

TIME OF ROOM ACCESS \*

TIME OF EVENT START

TIME OF EXIT

EVENT TITLE

ESTIMATE OF ATTENDANCE

IS THIS EVENT OPEN TO PUBLIC?

YES ☐ ☐ NO

WILL YOU BE CHARGING  
OR SOLICITING DONATIONS?

YES ☐ ☐ NO

CHARGE AMOUNT (IF ANY)

TYPE OF PROGRAM

SERVING FOOD OR DRINK

YES ☐ ☐ NO

WHAT FOOD OR DRINK

NAME OF CATERER

WILL A CATERER BE SERVING

YES ☐ ☐ NO

# Research

## Google Calendars

Untitled event

9/23/2011

10:30pm

to

11:30pm

9/23/2011

Time zone

☐ All day ☐ Repeat...

Event details

Find a time

Where

Calendar

Jeffrey Catania ▼

Description

Add guests

Enter email addresses

Add

Guests can

☐ modify event  
☒ invite others  
☒ see guest list

## Insights

- The current room reserve systems do not create a sense of community.
- Web forms fail to offer suggestions based on what the user wants.
- Recommendations help direct people to what they need.

## **Concepts**

- Communities
- Resources & Recommendations
- Search Filters
- Mediated vs. Unmediated



## **Our Design Mantra**

*Enhance communities by  
recommending facility resources.*

# Final Design

LIBRARY

LOG IN

## Community

*Log in to see communities*

### Branch Location

Downtown  
East Side  
West Avenue

### Room Type

Banquet Hall  
Classroom  
Meeting  
Reception  
Theater  
Study Room

### Group Size

1  
2-5  
6-10  
11-24  
25-100  
100+

### Time

Day  /    
Starts at  :  PM  
Duration  Hours  Minutes

### Room Features

- ☐ Food/Drink Allowed
- ☐ WiFi
- ☐ Handicap Accessible

### Fees

- ☐ No additional fee required

Sort by Most Reserved First



**Room Type:** Study Room  
**Branch Location:** East Side  
**Recommended for:** Small Group, Discussion  
**Capacity:** 5  
**Features:**



**Room Type:** Meeting Room  
**Branch Location:** West Avenue  
**Recommended for:** Meeting, Instruction  
**Capacity:** 15  
**Features:**



**Room Type:** Reception  
**Branch Location:** East Side  
**Recommended for:** Large Group, Party  
**Capacity:** 50  
**Features:**

*Additional fee required for approval.*



**Room Type:** Reception  
**Branch Location:** Downtown  
**Recommended for:** Large Group, Party  
**Capacity:** 200  
**Features:**

*Additional fee required for approval.*



**Room Type:** Theater  
**Branch Location:** East Side  
**Recommended for:** Large Group, Instruction  
**Capacity:** 100  
**Features:**

*Additional fee required for approval.*

**Community**

HCI Study Group  
Gardening Club  
Death Metal Seminar

**Branch Location**

Downtown  
East Side  
West Avenue

**Room Type**

Banquet Hall  
Classroom  
Meeting  
Reception  
Theater  
Study Room

**Group Size**

1  
2-5  
6-10  
11-24  
25-100  
100+

**Time**

Day  /    
Starts at  :  PM  
Duration  Hours  Minutes

**Room Features**

☐ Food/Drink Allowed  
☐ WiFi  
☐ Handicap Accessible

**Fees**

☐ No additional  
fee required

**Sort by** Most Reserved First

**Room Type:** Study Room  
**Branch Location:** East Side  
**Recommended for:** Small Group, Discussion  
**Capacity:** 5  
**Features:**



**Room Type:** Meeting Room  
**Branch Location:** West Avenue  
**Recommended for:** Meeting, Instruction  
**Capacity:** 15  
**Features:**



**Room Type:** Reception  
**Branch Location:** East Side  
**Recommended for:** Large Group, Party  
**Capacity:** 50  
**Features:**

*Additional fee required for approval.*



**Room Type:** Reception  
**Branch Location:** Downtown  
**Recommended for:** Large Group, Party  
**Capacity:** 200  
**Features:**

*Additional fee required for approval.*



**Room Type:** Theater  
**Branch Location:** East Side  
**Recommended for:** Large Group, Instruction  
**Capacity:** 100  
**Features:**

*Additional fee required for approval.*

**Community**

[HCI Study Group](#)  
Gardening Club  
Death Metal Seminar

**Branch Location**

Downtown  
East Side  
West Avenue

**Room Type**

Banquet Hall  
Classroom  
Meeting  
Reception  
Theater  
[Study Room](#)

**Group Size**

1  
2-5  
6-10  
11-24  
25-100  
100+

**Time**

Day  /    
Starts at  :  PM  
Duration  Hours  Minutes

**Room Features**

☐ Food/Drink Allowed  
☐ WiFi  
☐ Handicap Accessible

**Fees**

☐ No additional  
fee required

**Sort by** Previously Reserved First ▼

**Room Type:** Study Room  
**Branch Location:** East Side  
**Recommended for:** Small Group, Discussion  
**Capacity:** 5  
**Features:**



**Room Type:** Study Room  
**Branch Location:** East Side  
**Recommended for:** Medium Group, Discussion  
**Capacity:** 15  
**Features:**



**Room Type:** Study Room  
**Branch Location:** Downtown  
**Recommended for:** Small Group, Discussion  
**Capacity:** 5  
**Features:**



**Room Type:** Study Room  
**Branch Location:** West Avenue  
**Recommended for:** Small Group, Discussion  
**Capacity:** 4  
**Features:**



**Room Type:** Study Room  
**Branch Location:** West Avenue  
**Recommended for:** Small Group, Discussion  
**Capacity:** 5  
**Features:**






**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

**Features:**   

**Description:** A small private room designed for small group collaboration or study.

#### Resources

Chairs

Table

Additional Item

#### Select Time

Day

Starts at  :  PM

Duration

Recurring

[+ Add another day/time](#)

**ADD TO RESERVATION**



**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

**Features:**

**Description:** A small private room designed for small group collaboration or study.

#### Resources

Chairs

Table

Additional Item

#### Select Time

Day

Starts at

Duration

Recurring

Add another day/time




**ADD TO RESERVATION**

n  
de  
ll Group, Discussion

ate room designed for small  
study.

### Select Time

Day  

Starts at

Duration

Recurring

 Add another day/time

9	
10	
11	
12	
PM	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**ADD TO RESERVATION**

n  
de  
ll Group, Discussion

ate room designed for small  
study.

### Select Time

Day  

Starts at

Duration

Recurring


 Add another day/time


Day  

Starts at

Duration

Recurring

 Remove new day/time

 Add another day/time

◀ 09/28/2011 ▶	
9	
10	
11	
12	
PM	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	





**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

**Features:**

**Description:** A small private room designed for small group collaboration or study.

#### Resources

Chairs

Table

Additional Item

#### Select Time

Day

Starts at

Duration

Recurring

Add another day/time

Day

Starts at

Duration

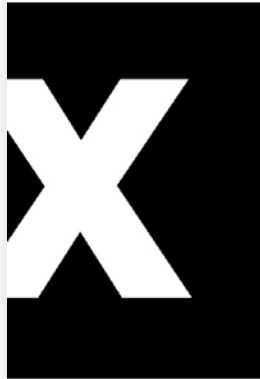
Recurring

Remove new day/time

Add another day/time

09/28/2011	
9	
10	
11	
12	
PM	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**ADD TO RESERVATION**




**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

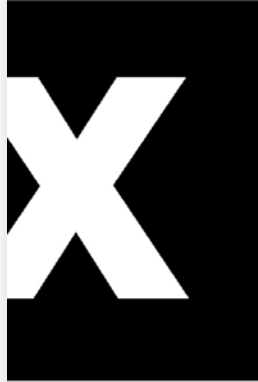
**Features:**   

**Description:** A small private room designed for small group collaboration or study.

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### Resources

Chairs	5
Table	1
Additional Item	






**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

**Features:**   

**Description:** A small private room designed for small group collaboration or study.

---

### Resources

Chairs	5
Table	1
Additional Item	▼
White Board	
Extra Chair	
Projector	+\$15
DVD Player	+\$10



**Room Type:** Study Room

**Branch Location:** East Side

**Recommended for:** Small Group, Discussion

**Capacity:** 5

**Features:**

**Description:** A small private room designed for small group collaboration or study.

#### Resources

Chairs	5
Table	1
White Board	1
Additional Item	

#### Select Time

Day

Starts at

Duration

Recurring

Add another day/time

Day

Starts at

Duration

Recurring

Remove new day/time

Add another day/time

09/28/2011	
9	
10	
11	
12	
PM	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**ADD TO RESERVATION**



## Reservation Details

Charging for admission ☐Refreshments ☐Food/Drink ☐Alcohol ☐

## YOUR RESERVATION

**Study Room, East Side**  
**Capacity** 5**Days** Monday  
09/26/2011  
Wednesday  
09/28/2011**Recurring** 16 Weeks  
**Starts at** 8:00 PM  
**Duration** 90 Minutes

## Included Resources

5 Chairs  
1 Tables

## Features

Handicap Accessible   
Food allowed   
WiFi Access **Price** \$0.00

## Additional Resources

1 White Board \$0.00

**TOTAL** \$0.00

SET RESERVATION



## Reservation Details

Charging for admission ☐Refreshments ☐Food/Drink ☐Alcohol ☐

## Payment

## YOUR RESERVATION

**Banquet Hall, East Side**  
**Capacity** 150**Day** Monday  
09/26/2011**Starts at** 8:00 PM**Duration** 2 Hours

## Included Resources


200 Chairs

75 Tables

1 Podium

1 Microphone

## Features

Handicap Accessible Food allowed WiFi Access **Price** \$100.00**TOTAL** \$100.00

SUBMIT FOR APPROVAL

Payment will be processed upon librarian approval.

## **Strategies**

- Event and community recommendations
- Mediation portal

**Q & A**