

EPL KIT SYSTEM

BY IRWW

System Design

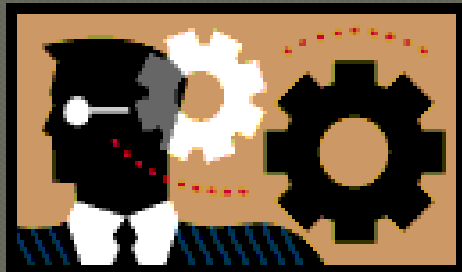
- A multi-user system to make sure library staff can easily:
 - search through available kits
 - perform and maintain bookings
 - see which kits are arriving or need to be sent out
 - confirm kits that have been sent/received
 - set-up new kits
 - make sure necessary email notifications are sent



Scope Definition

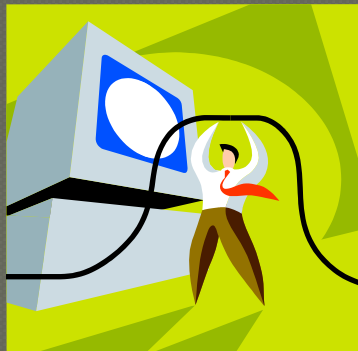
System will have:

- Bookings that are systemically up-to-date
- Buffered dates for booking kits
- Email notifications to associated persons
- A Stand-alone system separate from EPL's main
- Kit and bookings database within the standalone system
- A means of tracking missing components



System Proposal

- ◉ Access roles: [Admin and Staff]
- ◉ Built for the web: Runs beautifully on PHP with Laravel
- ◉ Information on bookings by system notifies users if problems arise
- ◉ Searches choose the fastest available kit
- ◉ Confirm shipment is sent/received



System Proposal

◉ Admin

- Maintain kit database, create, update or remove kits
- Maintain bookings, and other database records
- View reports:
 - i.e., Damaged Items or pending system activities

System Proposal


● Staff

- Ability to search and put kits on hold
- Ability to leave notes when booking kits
- Be able to leave email notifications
- Report missing/damaged components

Visual Design

- Example: As a user, I need to see branch bookings as well as bookings by User ID



<http://epl.ca>[Home](#) [Book Kits](#) [Receive Kits](#) [Ship Kits](#) [Overview](#) [Administrators](#) [Login/logout](#)Branch 

Grant Macewan Inventory

Ipad #5 ([Ship to LON by Fri. Jan 12 @ 5:00 pm](#))

Ipad #2



Raspberry PI #12

Booked Kits By Id

Pending Activities

Ipad Kit #5 , Ship to Loundary EPL

Required at destination on Monday, Jan 15, 2005

Must be shipped by Friday, Jan 12, 2015 @ 5:00 PM  

Laptop Kit #6 Arriving today

Coming From Milner Library  

Visual Design

- Example: As a user, I need to be able to see and search available kits that suit my needs

Photoshop

Search Kits

[illegible]

Visual Design



- Example: As a user, I need to be able to easily book kits


http://epl.ca[Home](#) [Book Kits](#) [Receive Kits](#) [Ship Kits](#) [Overview](#) [Administrators](#) [Login/logout](#)Branch name or barcode ☐ Ipad Kits

-  Ipad Kit #1
-  Ipad Kit #2
-  Ipad Kit #3 + ESL

☐ HP Laptop Kits

-  Laptop Kit #1
-  Laptop Kit #2 + photoshop
-  Laptop Kit #3
-  Laptop Kit #4
-  Laptop Kit #5
-  Laptop Kit #6

From Date To Date **4 Kits Available for these dates**Booking Users

- ☐ Ian Nalbach
- ☐ Robert Babiak
- ☐ Winston Awesome

Purpose

Branch

Ipad Kit #1

Check In

Visual Design

- Example: **As a User, I need to confirm kits sent in or kits needed to be sent out**

Grant Macewan

Ship Ipad #5 to Loundary (EPLLON)

[illegible]

Shipment Ready

Receive Laptop #6 from Milner (EPLMIL)

[illegible]

Shipment Recieved

Visual Design

● Example:

- As an administrator of this system, I need to be able to manage the kit database and modify kit information as well as access system logs

Q

[View Log](#)

Manage Categories

Add Note

[illegible]

Log for Laptop #6

[illegible]

OK