Project Proposals
Reid Holmes
Proposal Pitches

- Buy My Book
- Hack
- UW Flow
- Kluster
- MoPhoCon
- Eat Out
- Radius
- Spaceman
- Broken Draw
Buy My Book
Buy My Book!

Carl Cabusas, Khalim Husain, Yi Yin, Alexander Poon
Introduction

Problem?

- Chaotic
- Vague information
- Old postings appear in search
Main Functionality

Utilizing Phone’s Camera as a barcode scanner
  ● Ease of Use for posting a listing, and can be used to search

Link to Facebook Account

Utilize Amazon Product Advertising API for book information
  ● Search a book based on ISBN, title, and author

Online Listing Marketplace, Users keep local record of listings
Why is *Buy My Book!* useful/interesting?

Currently no apps for UW students to easily buy and sell textbooks with each other
  - Feds Used Books app sells through Feds Used Book store
Mobile app allows for buying and selling in a fast and convenient way
Barcode scanning + Amazon Product Advertising API to fill out correct and detailed info about book
Organization
  - UW Textbook Exchange Facebook group fails in this regard
Hack
Description

• H.A.C.K is a mobile app that controls and monitors electronic devices remotely.
• The app communicates with a special piece of hardware in the user’s home.
Use Cases

3 Major Use Cases:

1. Set Up Hardware Unit.
2. Register Electronic Device.
3. Control/Monitor Electronic Device Remotely.
Why?

• People like to be in control
  o H.A.C.K gives the user complete control over the electronic devices in their home.

• Convenience
  o Users can control and view device info/statistics anywhere, anytime.

• Save Money/Eco-Friendly
  o User can schedule devices to turn off when away.
COMING SOON

April 2014
for Android & BlackBerry
UW Flow
Kluster
Kluster

Collaborative photo taking

- Marlin
- Rohaan
- Nevan
The idea

- A unique **photo collaboration** platform
- Builds **publicly accessible** photo albums
- Sourced by multiple users based on their similarity of calendars, location and time-stamps.
The competition

- Most common platforms focus on private picture e.g Facebook, Instagram etc
- Public photo sharing platforms are hard to use and not mobile focused e.g Flickr
- No existing photo collaboration platform works in real-time and leverages mobile devices features
The motivation

- No photo collaboration platform that is **completely public**
- Features in current mobile devices like GPS, NFC etc can be leveraged to create a **great user experience**
- Potential for tracking trending events in **real-time**
The features

- Provides **simple** interface to take pictures
- Option to automatically gather data on user’s location, current-time, calendars
- Automatically starts builds new albums with users having similar data
- **Engaging** social integration to browse, rate and comment on existing pictures
MoPhoCon
MoPhoCon

Jeff Dyck, Jeffrey Trenton, David Richards, Fiodar Kazhamiaka

Disclaimer: We have no affiliation with the mother “lover” convention.
The MoPhoCon Breakdown

**Mobile Phone Controller**

Turn your mobile phone into a controller for your PC!
Keyboard/Multimedia Mode
Mouse Mode
Controller Mode

First Person Shooter Mode

Platformer Mode
Eat Out!
Radius
Project Radius

A CS446 Project by:
Andy Zhu, Christopher Speller,
Michael Forsyth, Rory Fairweather
Project Radius >> Introduction

- Top-down 2D endless runner
- Games are a great weapon in the fight against boredom

Get it at BlackBerry World™

Android App on Google Play™
Project Radius >> Gameplay

• Procedurally generated obstacle course
• Goal of game: Don’t die
Project Radius >> Gameplay
Project Radius >> Controls + Price

- Accelerometer for movement and jumping
- Touch screen for bridge creation and game menus
- Freemium price strategy
Spaceman
An RPG style, resource gathering, space exploration game designed for mobile

Unity3D game targeting iOS and Android platforms
Game features

- Space travel
- Planet exploration
- Customizable character
- Missions and combat
Game architecture

- Controls manager
- Player manager
- View manager
- Non-player character manager
- Object manager
Broken Draw