Material and some slide content from:
- Emerson Murphy-Hill

Project Proposals

All SE2 Teams

Lecture 3 - Tuesday, September 21 2010.

Recap Last Lecture

- Kitchen design
  - What were the components?
  - What were the connectors?
- Most kitchens were functionally equivalent; the non-functional qualities differed the most.
- Each kitchen has good and bad traits; identifying each is key to creating a balanced design.

Presentation Goals

- To ‘pitch’ your idea to the class.
  - Keep it simple.
  - What does your system do?
  - Why is it interesting?
  - What is going to be hard?
- To get feedback about your project.
  - Ask the class questions; they are your users.

Format

- 5 minutes to present.
  - I will let you know before you run out of time.
- 3 minutes for questions.
  - I will ask questions.
- Each team has to ask at least one good question for the team that presented before them.

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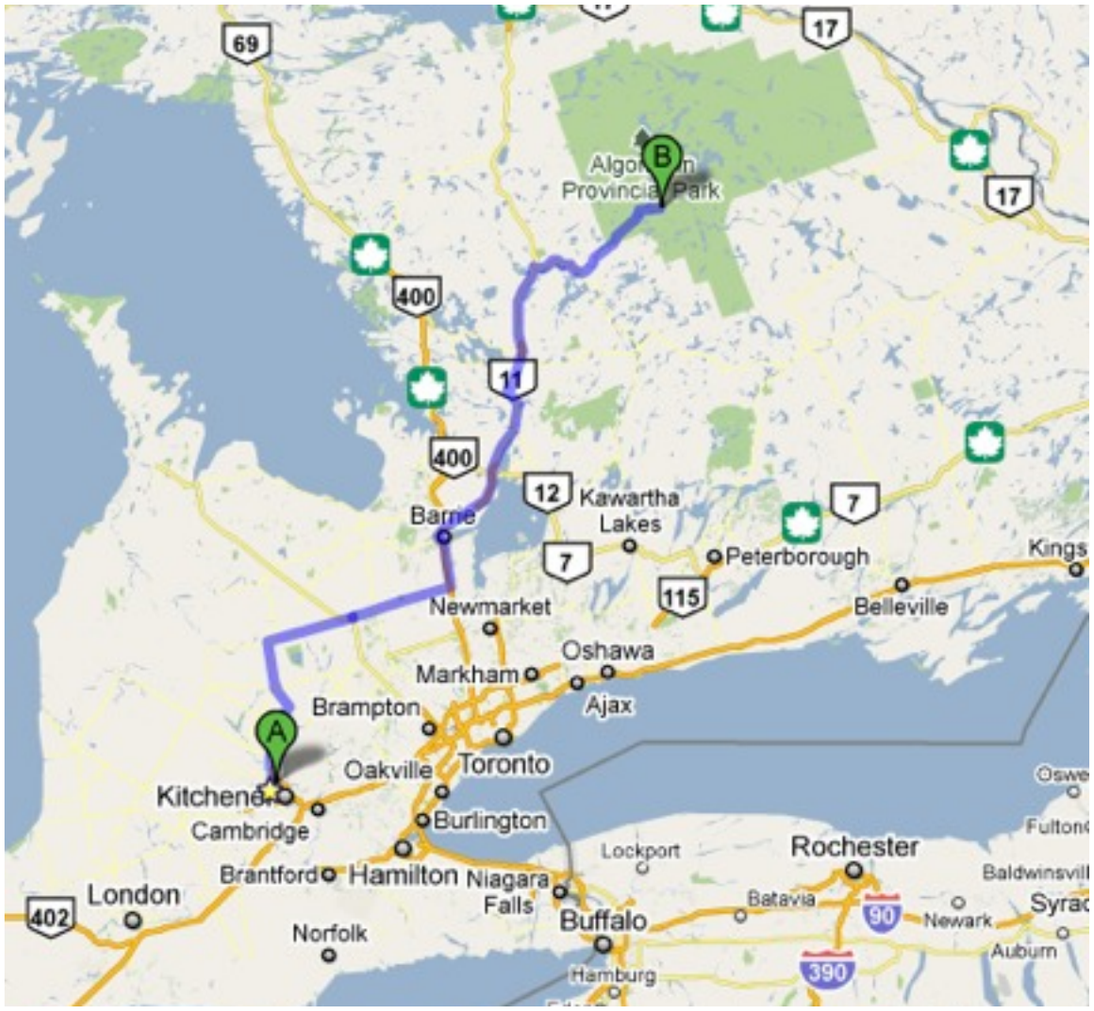
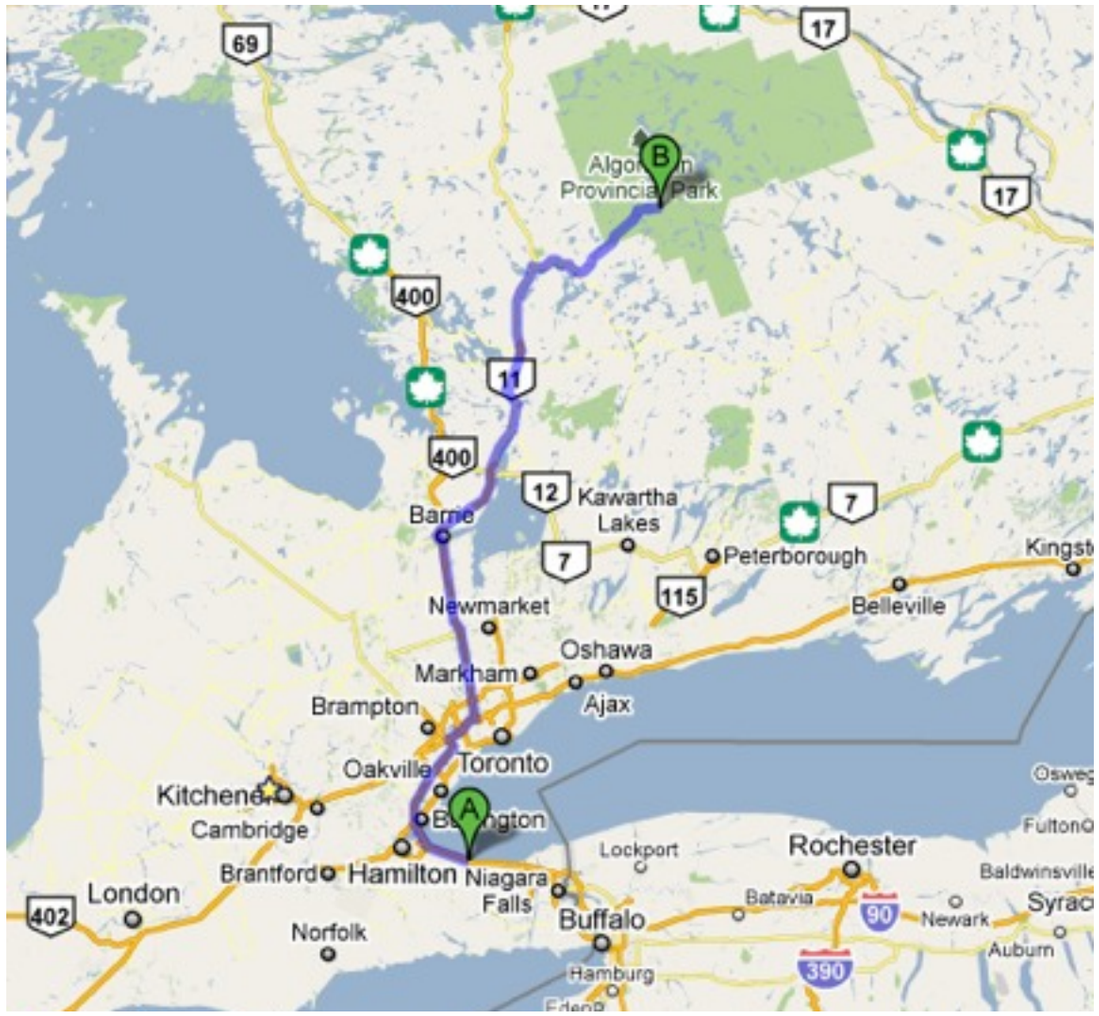
Road Trip

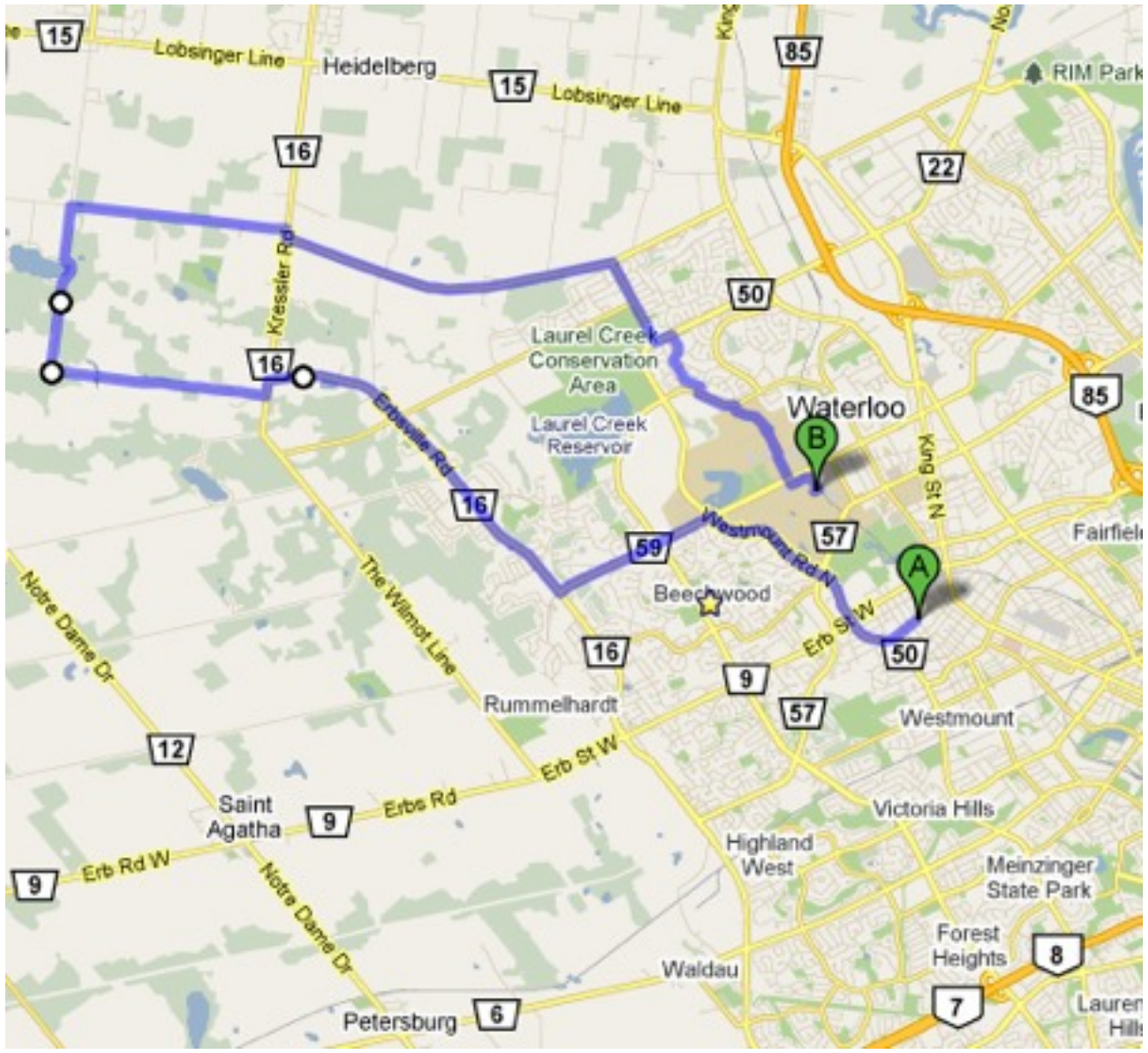
Reid Holmes

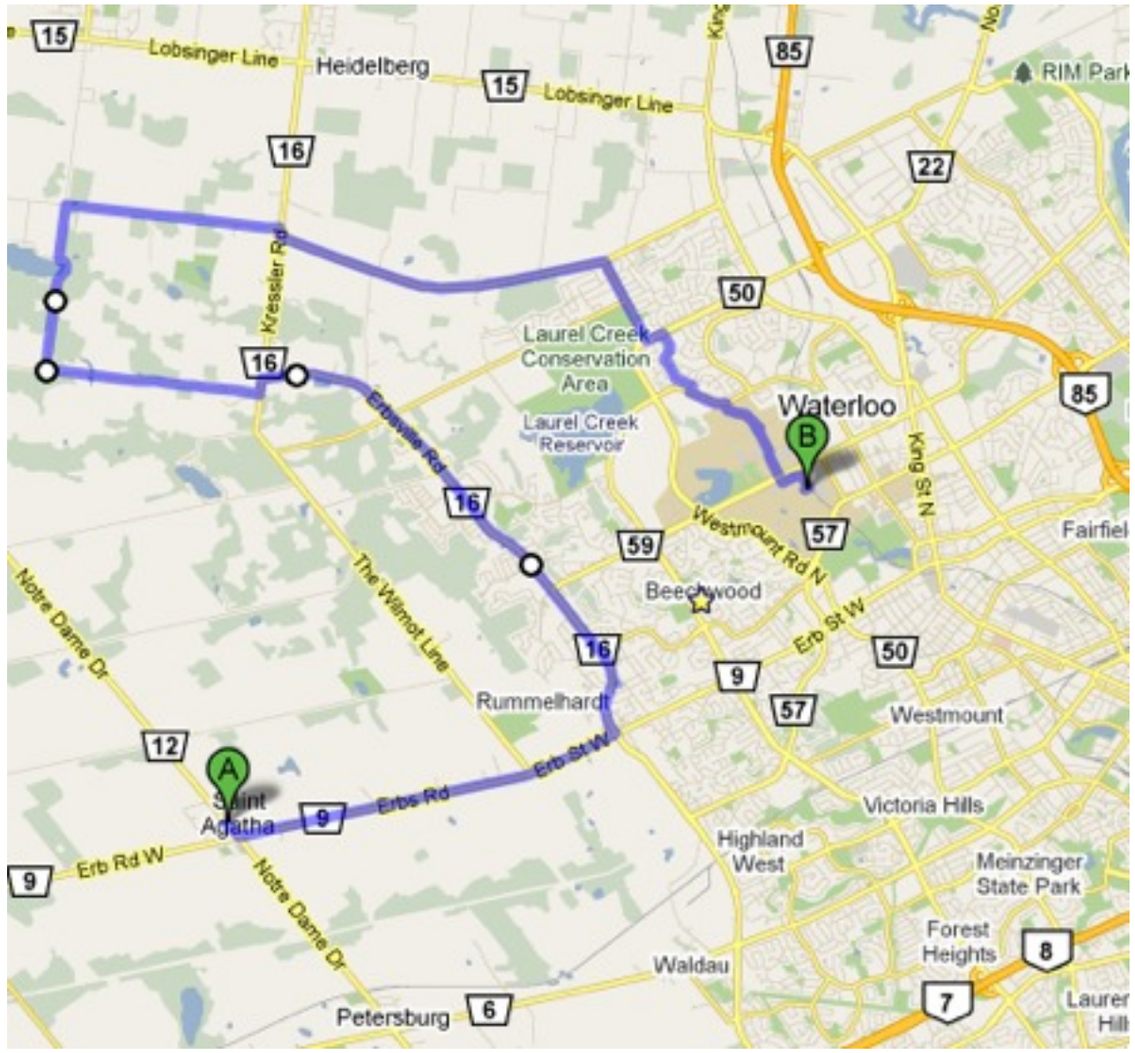
Coordinate Long Trips



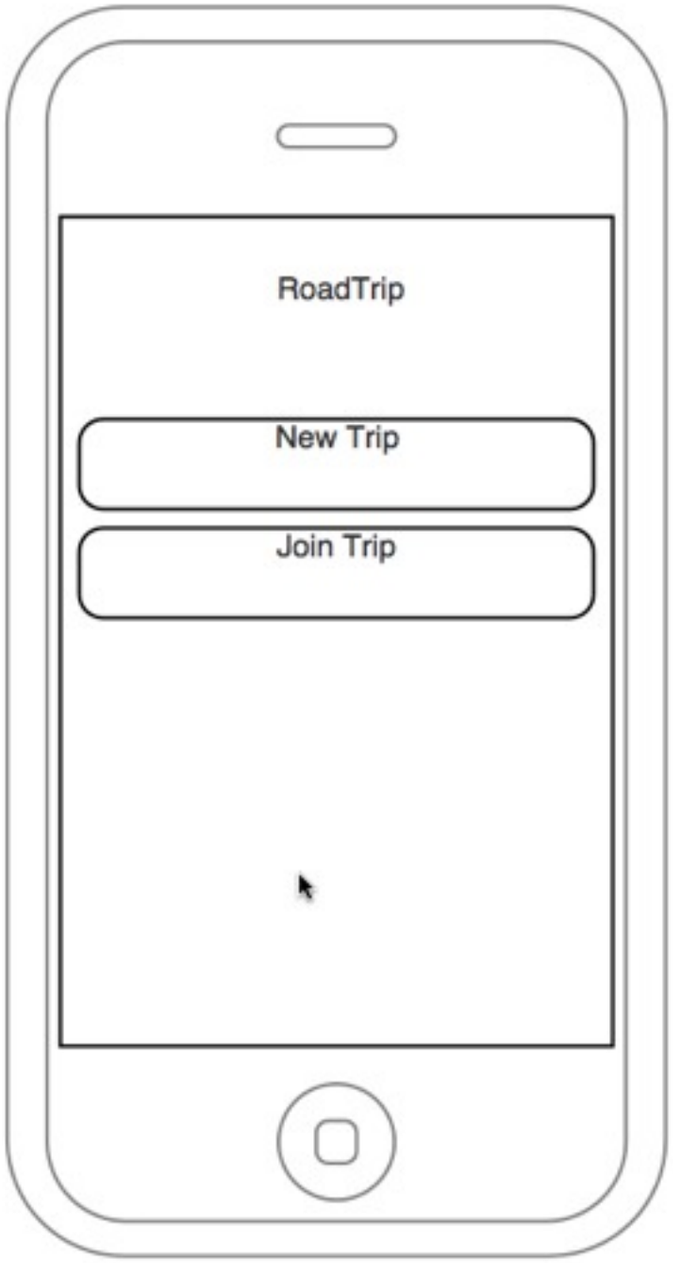


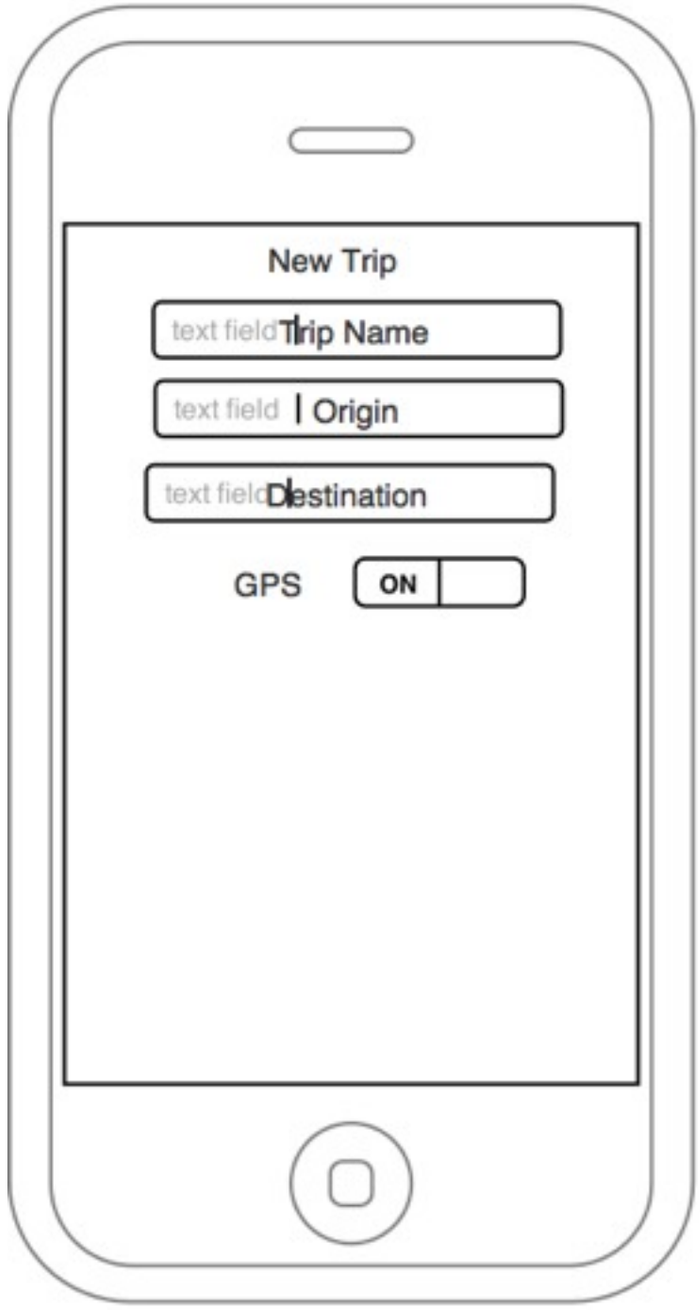
Coordinate Short Trips

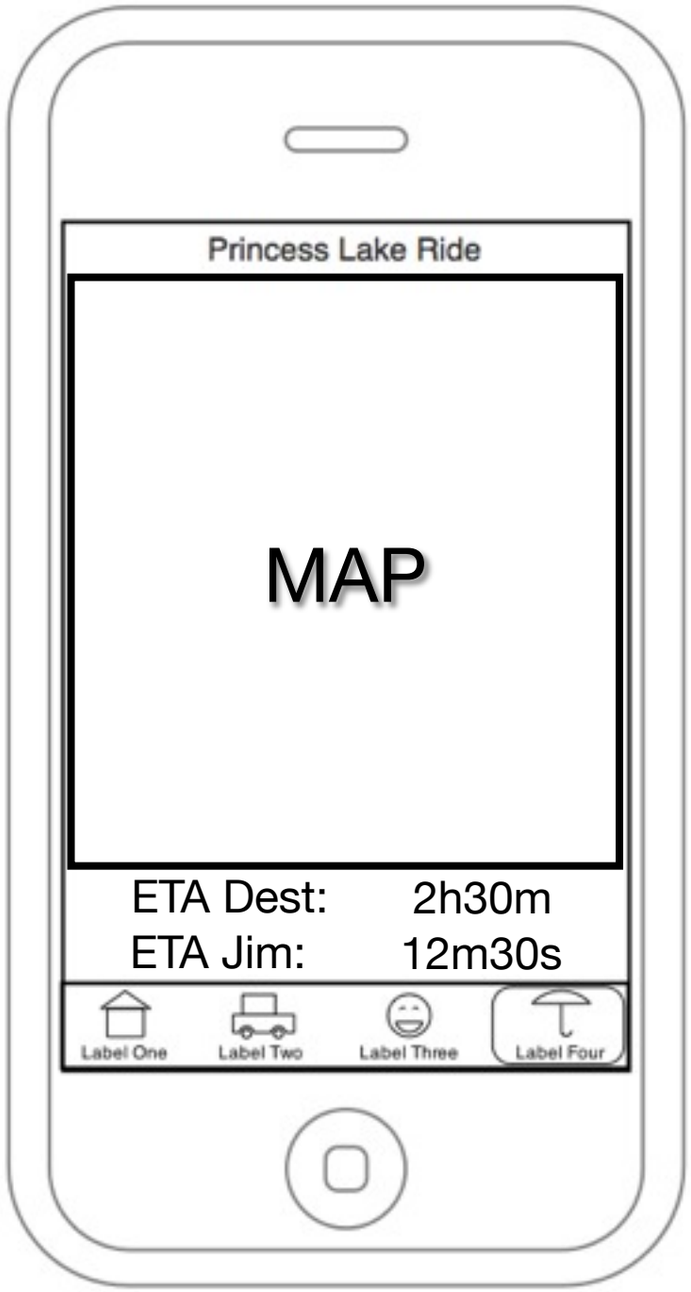




Mockups


RoadTrip
New Trip
Join Trip


New Trip
text field Trip Name
text field Origin
text field Destination
GPS
ON


Princess Lake Ride
MAP
ETA Dest: 2h30m
ETA Jim: 12m30s
Label One
Label Two
Label Three
Label Four

ScoreBoard

Huskies

RendezVous

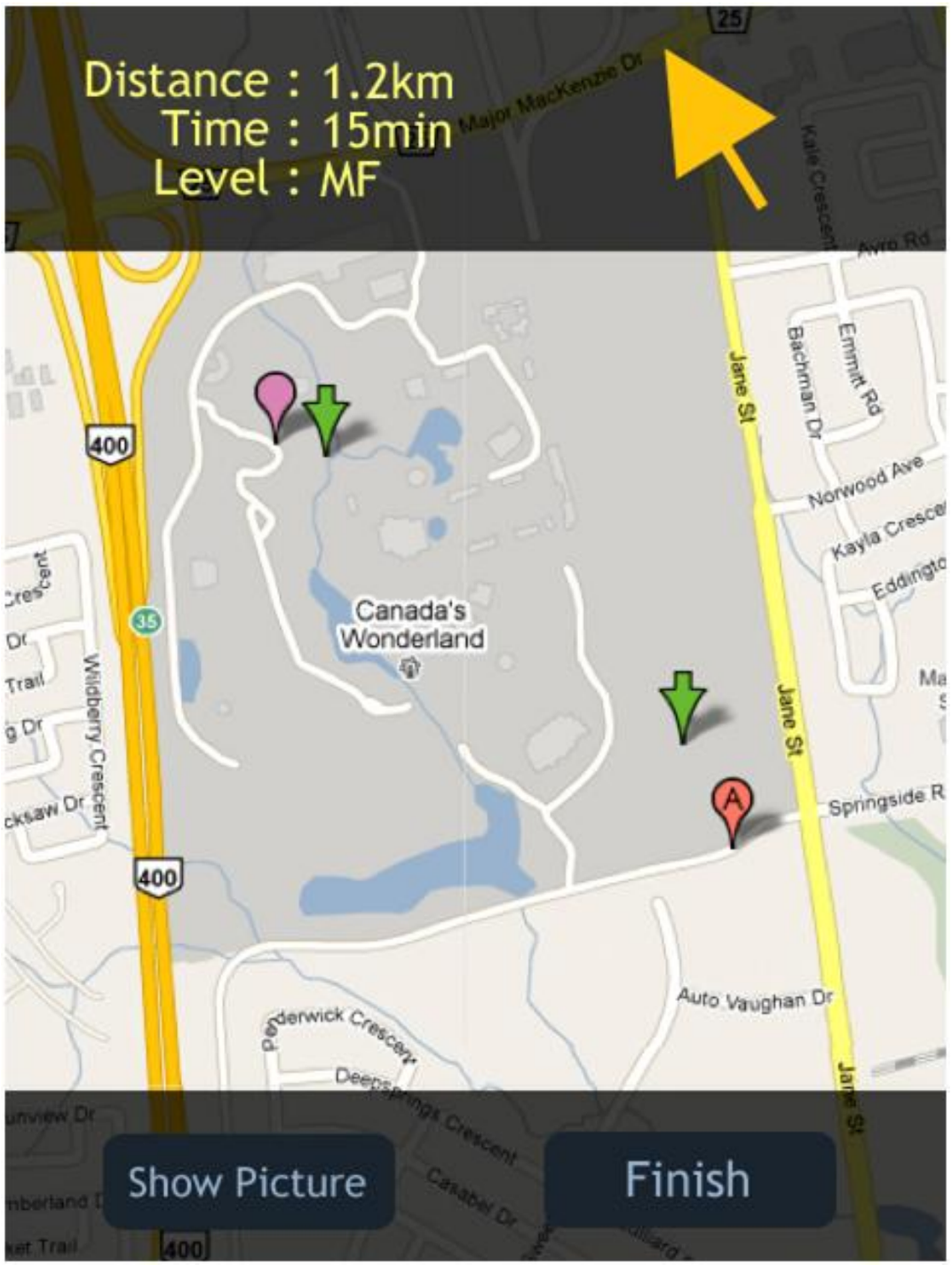
Set Location

Set Image

Set Alarm

Start

Reset



Pre-Enrolment System

Team Systems

AlphaTree

TriForce

Project Title: To develop a Waterloo guide mobile application (multiple platforms) using GWT (K-W maps).

Group Name: LTZ

Name: Chun Liu (Luke)	Name: Tanvir Hasan Zahid	Name: Cenxiao Zhao (Alex)

The Initial features:

- Finding destination (waterloo maps)
- Popular Destination
- Recreational Database
- Floor Guide
- Future scope

User Scenario:

- Waterloo maps Tab:

  Expected input from the user: The destination of the user. All other inputs will be determined from the mobile device (time, originating location).

  Expected output from the system: The four possible route sets with appropriate time required to reach the destination.

Functional requirement

- All the inputs for the finding location will be gathered from user device except the destination.
- All the floor plans for the university buildings will be collected from the university.
- Popular destination data will be stored locally in the server. The database will be mysql database
- To submit any event information, the user must register.

Non-functional requirement

- Security: Login requirements, password requirements, External access, Inactivity timeouts.
- Audit: Audited elements, Audited fields, Audit file characteristics
- Performance: Response times, Processing times, Query and reporting times
- Capacity: throughput, Bandwidth, Concurrent users, Storage, year-on-year growth requirements.
- Integrity: Data integrity, Image compression and decompression standards.

Study Group Finder

Project X

Restaurant Finder

R4D

CS Advisor Appointment System

Team Legendary Apps

Project Description

How long have you spent waiting in line in front of a CS advisor's office? Two hours? Twenty hours? Too long!!!

Our team is proposing to create an appointment scheduling/booking system. The intended users of this software are CS acedemic advisors and students. An example of a successfull booking system is the current OSAP system at UW.

Functionality

The software will be able to:

1. Allow students and advisors to log on using their Quest username and password.
2. Let advisors make appointment timeslots available to students.
3. Allow students to view and register for appointments.

Security, reliability, usability and maintainability are important non-functional requirements.

Why is it Useful?

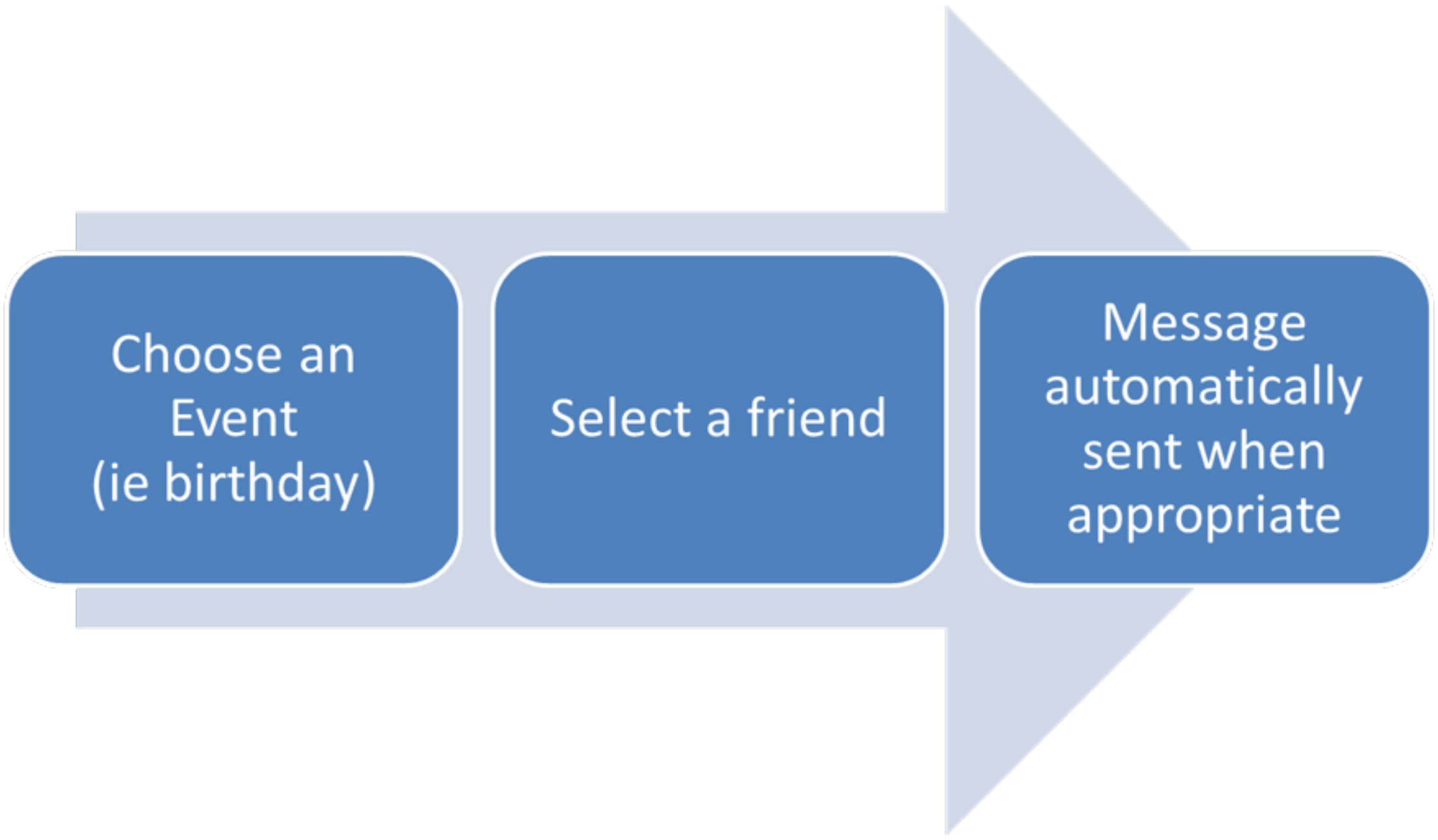
This project will save hundreds of hours of student time and ensure advisors complete their advisor hours without turning students away.

Photo credit: Canadian Veggie (Flickr)

Always Fresh
TimHortons.com

Event Chimp for Facebook

Queue Up Your Event Salutes



GWT + Facebook

- Utilization of the Facebook API for birthdays, etc.
- Keeps you in touch with friends
  with very personal messages
  defined in advance
- Custom codes within message
- Hosted on Facebook when ready

My Event Organizer

Calvin Hung
Meer Taufiq Husain
Shuo Tan
James Zhao

What does it do?

- Stores daily activities and events onto a calendar application
- Easily accessible & editable
- Can be accessed without internet connection.
- Automatically sets the cellphone to silent/vibrate/ring all phone activities based on a predefined set of functions
- set reminders
- sync with existing calendars

Why is it useful?

- centralized calendar with all events
- never miss events (birthday, anniversaries, meetings, class)
- automatically change phone status profiles
- prevents phone ringing in class/meetings
- avoid miss calls due to silent phone rings

The End!

Any Questions?

Looking Forward

- Friday's tutorial will cover Deliverable #3.
  - The deliverable will be available before tutorial.
  - Scheduled early so you can consider your architecture during the next few lectures.
- Reading posted online (linux architecture).
  - Please read before class on Thursday.

Sneak Peek for Thursday