

Instagator

Simple Group Travel



Group Travel is hard

- Invites and Confirmation
- Lodging
- Group vs. Individual Activities
- Document Tracking
- Payments
- Social Loafing

Instagator makes it better

- One platform for every stage of the trip
- Group involvement increases engagement
- Planner and Participant Reminders
- In-app cost tracking
- Lowered barriers to future group travel

Agenda

- Heuristic Evaluation Overview
- Revised Design
- Prototype Status
- Demo!

Heuristic Evaluation

*“If there is no **struggle**, there is no **progress**.” –
Frederick Douglass*

Heuristic Evaluation

Category	# Viol. (sev 1)	# Viol. (sev 2)	# Viol. (sev 3)	# Viol. (sev 4)	# Viol. (sev 5)	# Viol. (total)
[H2-1: Visibility of Status]	0	0	1	0	0	1
[H2-2: Match Sys & World]	0	2	5	1	0	8
[H2-3: User Control]	0	1	1	3	0	5
[H2-4: Consistency]	0	1	9	2	0	12
[H2-5: Error Prevention]	0	1	1	0	1	3
[H2-6: Recognition not Recall]	0	2	2	2	0	6
[H2-7: Efficiency of Use]	0	5	2	1	0	8
[H2-8: Minimalist Design]	1	7	1	0	0	9
[H2-9: Help Users with Errors]	0	1	0	0	0	1
[H2-10: Documentation]	0	2	0	0	0	2
Total Violations by Severity	1	22	22	9	1	55

Highlights

- Issues with med-fi logic flow and implementation
- Ease of use fixes: quick returns to home, fewer screens
- One severity 5 issue due to lack of error handling given the dummy data of med-fi

Heuristic Evaluation - Key Fixes

Level 3

- Consistent Back, Cancel, and Save interactions
- Denser information: 8/8 confirmed, reservation status
- New ways to enter a poll - currently next to “save” in itinerary
- Process and flow cleanup (med-fi problems, not design)
- General font, icon, alignment work (redesigned full UI)

Level 4

- Icons, consistency, and communication
- Inter-user communications - poll reminders, payment updates, general inbox
- Fully-fleshed feature set (delete trips, admin privileges, error handling)

Redesign and Prototype Implementation

Running instagator-prototype on iPad 2

instagator-prototype > instagator-prototype > Main.storyboard > Main storyboard (Race) \ No Selection

instagator-prototype

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instagator-prototype

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Canada




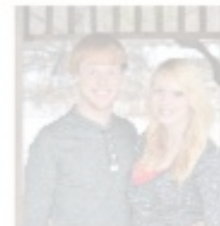
Ontario

Sat. Nov 21 to Sat. Nov 28

We're going to Canada!



Invitees (3 attending, 1 awaiting response) Edit Invitees

			
Bob Attending! No ToDos!	Rhea Attending! No ToDos!	Amanda Attending! No ToDos!	Tanner Awaiting Response No ToDos!

Trip Activities + Invitee Tasks +

Moose Petting Sat. Nov (15:11) to Sat. Nov (17:11)	Set Event	Submit deposit Due: Thu. Nov (12:11)	4/4
Hiking Sat. Nov (20:11) to Sat. Nov (22:11)	Set Event		
Saturday Morning Sat. Nov (21:11) to Sat. Nov (21:11)	Poll Event View Results		

Trips I'm Planning

Trips I'm Attending

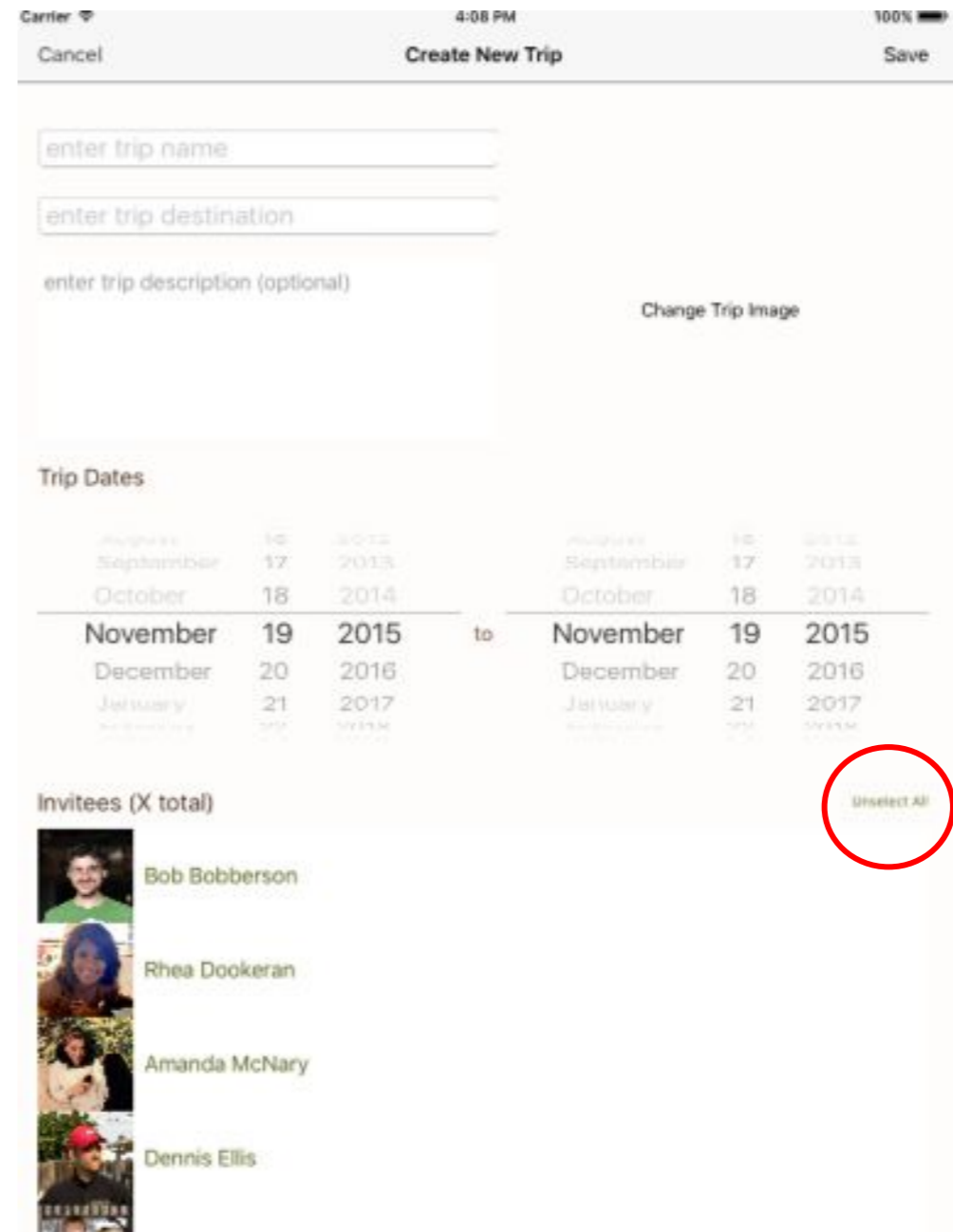
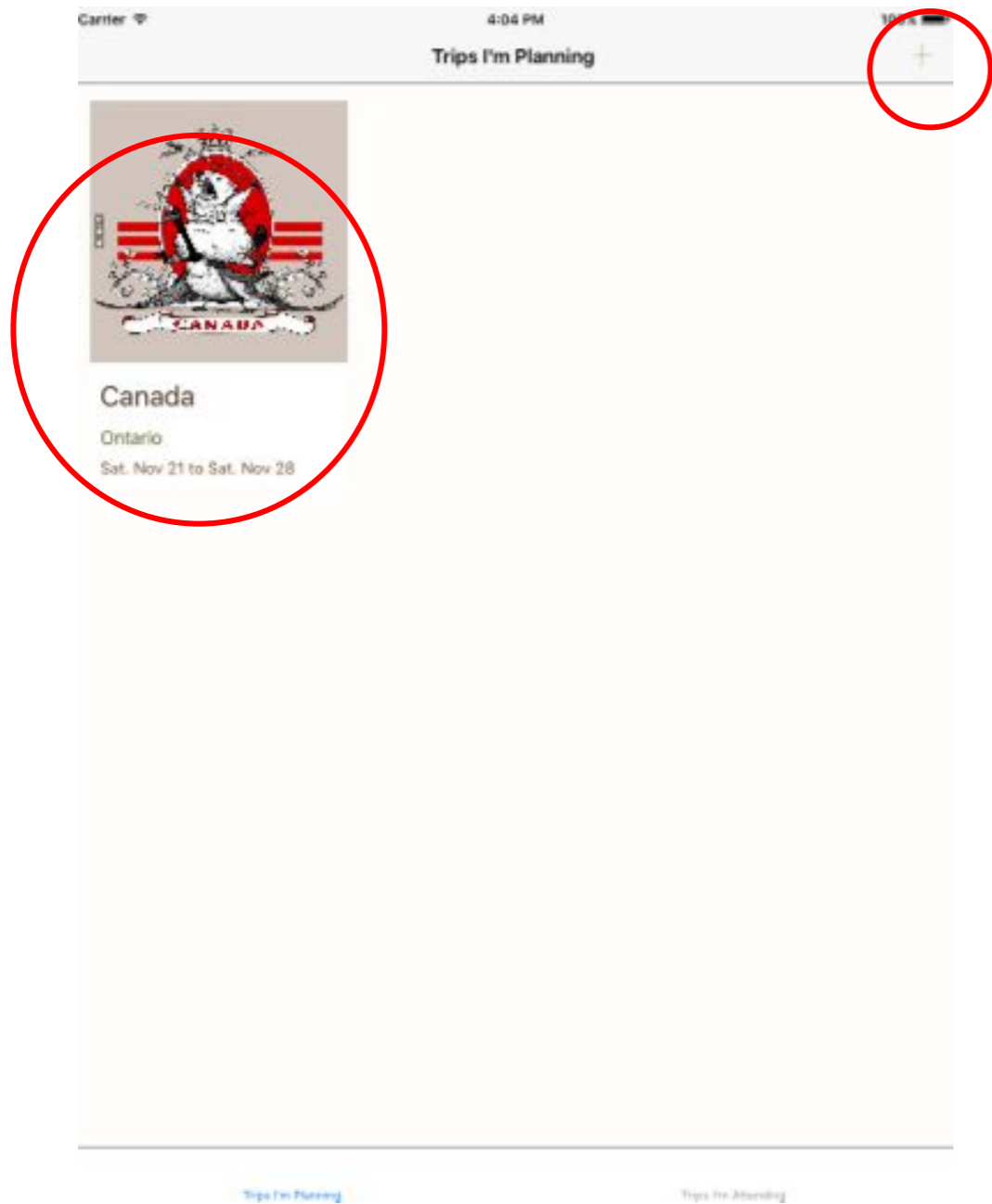
Redesign Themes

1. Utilize familiar iOS techniques
2. Utilize real estate to simplify flow
 - a. Dashboard approach**
3. Improve overall aesthetics

New Design



New Design



New Design


Carrier 4:08 PM 100%

Trips I'm Planning Trip Summary Edit





Canada

Ontario

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Invitees (3 attending, 1 awaiting response) [Edit Invitees](#)

 Bob Attending! No ToDos!	 Rhea Attending! No ToDos!	 Amanda Attending! No ToDos!	 Tanner Awaiting Response No ToDos!
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Trip Activities [+](#) Invitee Tasks [+](#)

Moose Petting Sat. Nov (18:11) to Sat. Nov (20:11)	Set Event	Submit deposit Due: Thu. Nov (18:11)	4/4
Hiking Sat. Nov (23:11) to Sun. Nov (01:11)	Set Event		
Saturday Morning Sun. Nov (00:11) to Sun. Nov (01:11)	Poll Event View Results		

[Trips I'm Planning](#) [Trips I'm Attending](#)


Carrier 4:10 PM 100%

Cancel Edit Trip Save

Canada

Ontario





We're going to Canada!



Trip Dates

August	10	2012	August	26	2013	
September	19	2013	September	26	2013	
October	20	2014	October	27	2014	
November	21	2015	to	November	28	2015
December	22	2016	December	29	2016	
January	23	2017	January	30	2017	

Invitees (4 total) [Unselect All](#)

	Bob Bobberson	<input checked="" type="checkbox"/>
	Rhea Dookeran	<input checked="" type="checkbox"/>
	Amanda McNary	<input checked="" type="checkbox"/>
	Dennis Ellis	<input type="checkbox"/>

Tools Used



Tools Used



Benefits:

- Native Application
- Good Dev Environment
- Built-in emulator
- Storyboard

Drawbacks:

- We didn't know Swift
- Custom built for each platform

Tools Used

Benefits:

- Web dev tools
(we know these!)
- Built-in emulator

Drawbacks:

- No native capabilities
- More code required
- New tool
- Lacks pre-made objects, use HTML



ionic



Tools Used



Future Features

- Task interface
 - Sending reminders
- Poll interface
 - Creation by admin
 - Participation by members
 - Results for admin
- User privileges



Hard-coded Data

- Options
 - Databases - difficult set-up and interfacing
 - Local storage - local
 - Global vars - Perfect!
- Data
 - People
 - Trips
 - Tasks
 - Polls
 - Events
 - Images



**KEEP
CALM
AND
HARD
CODE**

Other Tricks and Techniques

- Notifications >> Messages
- Straight up lying

Of COURSE Tanner is now an admin...

Wrap

*“A **journey** is best measured in **friends** rather than **miles**” - Tim Cahill*