

iPad as Viewer and Memory Aid for Respondents in a Collaborative Approach to CAPI Interviewing

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WiscMoms 2012

- CAPI using CASES 6
- Pilot study with ~200 completes
- Target population
 - mothers of young children
 - receive social services
 - Most are unmarried, complex households
- Interested in available resources, particularly food
- Collaborative standardization
 - Interviewer and respondent working together to “fill out the form” while still using standardized interviewing practices



Challenges of the Instrument

- Rosters and repeated questions for adults and children
 - **In the past we would ask...**

Who bought food?

Did Jim buy food? *Yes.*

Did John buy food? *No.*

Did Julie buy food? *Yes.*

Did Jane buy food? *No.*

But the goal was to ask...

Which of these adults bought food? *Jim and Julie*

- Timelines to describe co-residence for parents and children

The “Viewer”

- Interviewer’s laptop also serves as a wifi hotspot
 - UWSC uses *Connectify* software, but there are many other options
 - No internet access required
- iPad (or any device with a browser) connects to the laptop’s web server
 - Connection is encrypted and password-protected



CASES to the iPad

Macros in instrument write to **Viewer.txt**

Viewer.txt

C# and JavaScript code parse Viewer.txt and displays the answers

Answer entered by interviewer



Children					
First Name	Last Name	Gender	Month	Day	Year
Jack	Smith	Male	August	5	2007
Samuel	Jones	Male	September	9	2009

Thank You!

For copies of this presentation or more information, contact:

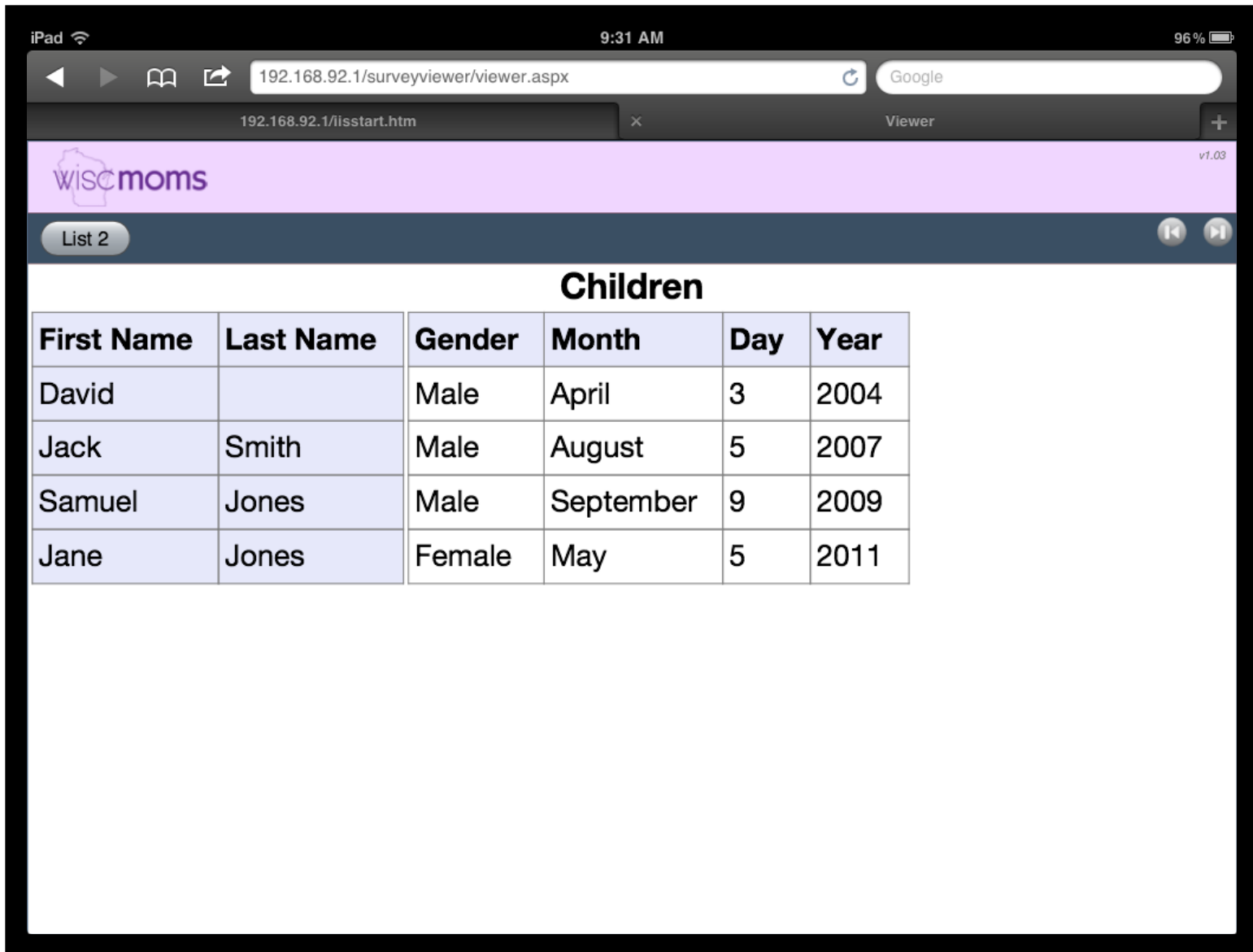
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Demo: Adding Household Members to a Roster



The screenshot shows an iPad browser interface. At the top, the status bar displays "iPad", signal strength, "9:31 AM", and "96%" battery. The browser address bar shows "192.168.92.1/surveyviewer/viewer.aspx" and a search bar with "Google". Below the browser, a purple header bar contains the "wiscmoms" logo and the version number "v1.03". A dark blue navigation bar below the header shows "List 2" and navigation arrows. The main content area is titled "Children" and contains a table with the following data:

First Name	Last Name	Gender	Month	Day	Year
David		Male	April	3	2004
Jack	Smith	Male	August	5	2007
Samuel	Jones	Male	September	9	2009
Jane	Jones	Female	May	5	2011

Demo: Showcards

9:42 AM 93%
192.168.92.1/surveyviewer/viewer.aspx Google
wiscmoms v1.02
List 4

Adults who live or stay here

First Name	Last Name	Gender	Relationship
You		Female	
Jim		Male	Current Boyfriend
Debra	Smith	Female	Your sister

9:39 AM 94%
192.168.92.1/surveyviewer/data/list4.pdf Google
Viewer list4.pdf

Current husband
Current boyfriend
Former husband
Former boyfriend

Your mother
Your sister
Your aunt
Your grandmother

Your father
Your brother
Your uncle
Your grandfather

Your cousin
Related to you some
other way

Demo: Timeline

192.168.92.1/surveyviewer/viewer.aspx

Google

Viewer

wiscmoms v1.03

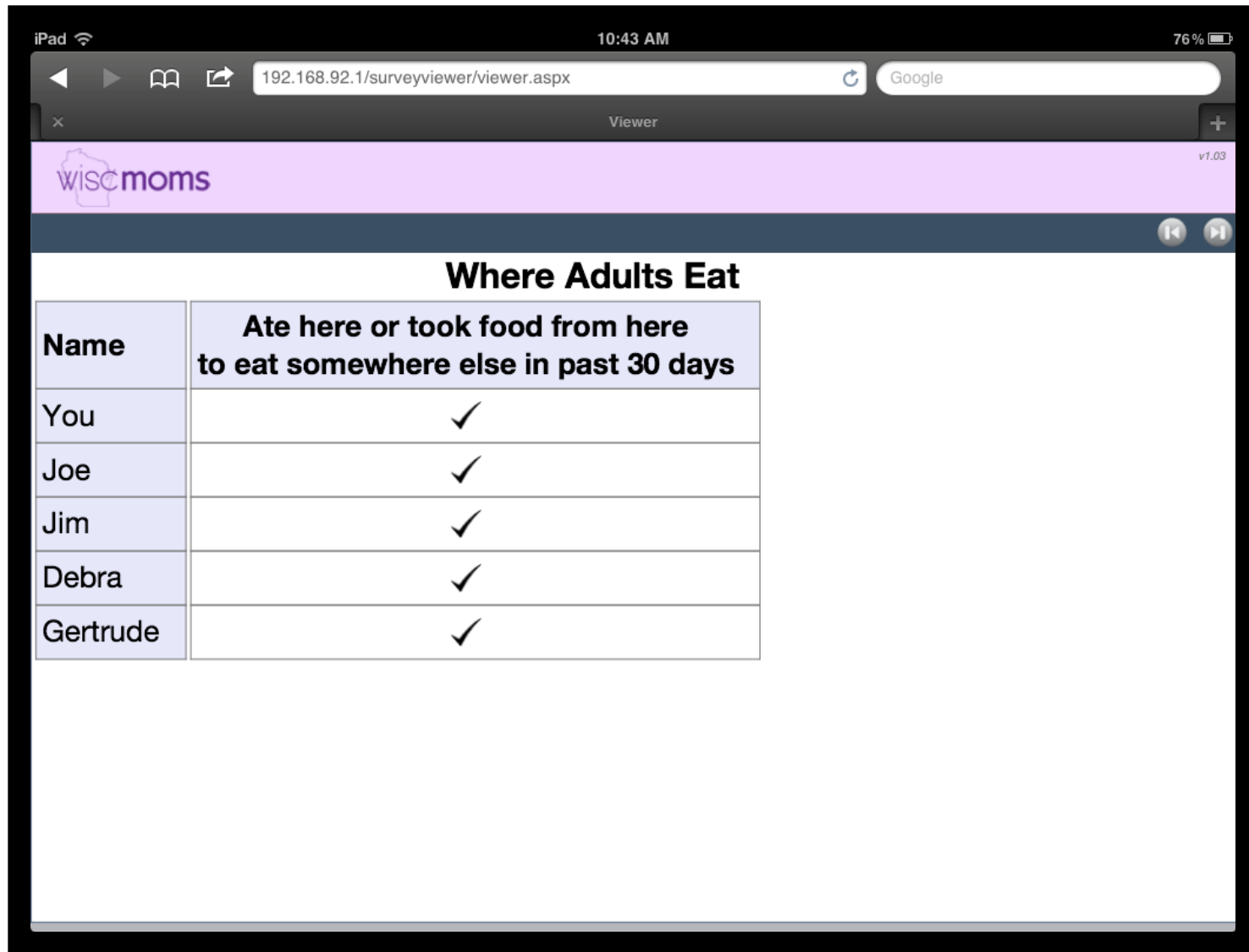
List 2

Child Timeline

Did not live with you Lived with you Child not yet born

		2010											
Name	Age	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	
David	8	Did not live with you											
Samuel	2	Lived with you	Lived with you	Lived with you	Your mother			Lived with you	Lived with you	Lived with you	Lived with you	Lived with you	
Jane	1	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born	Child not yet born

Demo: Food Section Features



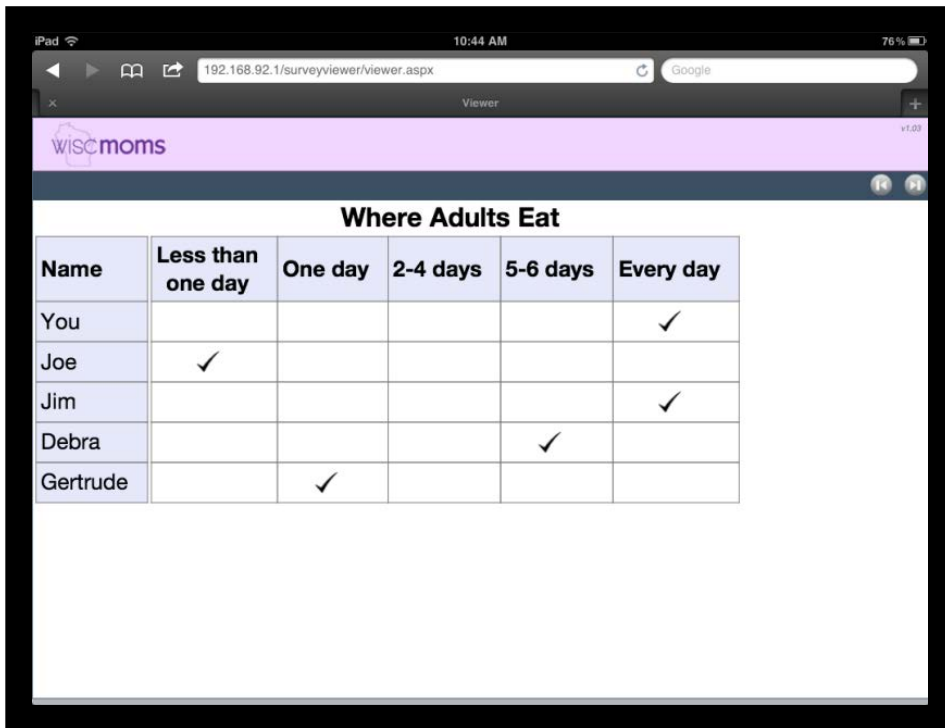
The screenshot shows an iPad browser window with the following details:

- Device: iPad
- Time: 10:43 AM
- Battery: 76%
- Address bar: 192.168.92.1/surveyviewer/viewer.aspx
- Search engine: Google
- Page title: Viewer
- Logo: WISC moms
- Version: v1.03

The main content area displays a table titled "Where Adults Eat".

Name	Ate here or took food from here to eat somewhere else in past 30 days
You	✓
Joe	✓
Jim	✓
Debra	✓
Gertrude	✓

Demo: Food Section Features (cont'd)

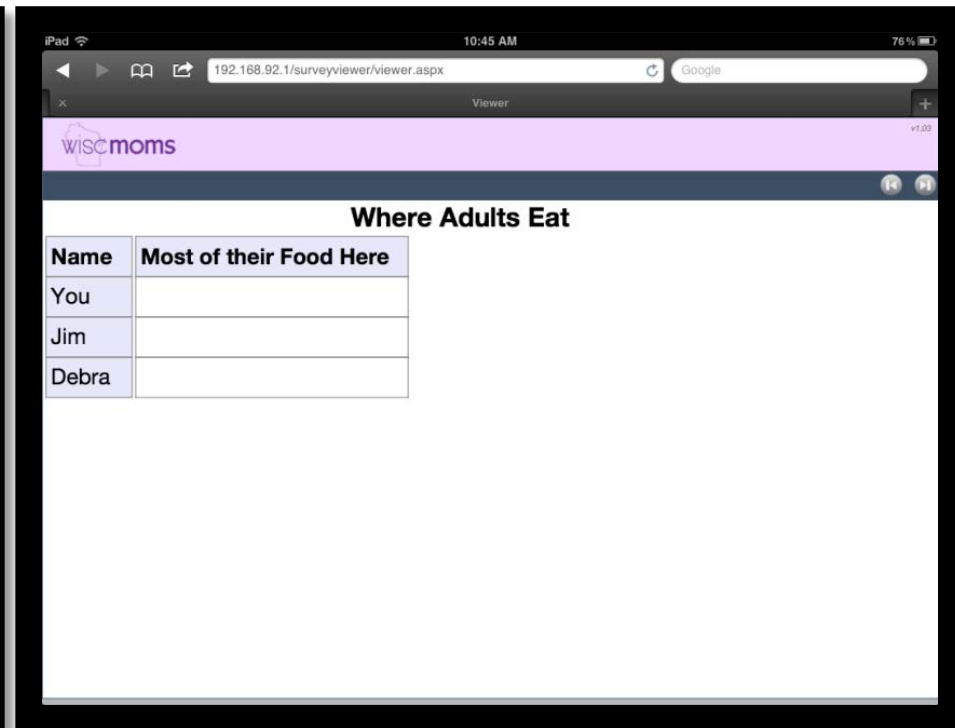


192.168.92.1/surveyviewer/viewer.aspx

WISC moms

Where Adults Eat

Name	Less than one day	One day	2-4 days	5-6 days	Every day
You					✓
Joe	✓				
Jim					✓
Debra				✓	
Gertrude		✓			



192.168.92.1/surveyviewer/viewer.aspx

WISC moms

Where Adults Eat

Name	Most of their Food Here
You	
Jim	
Debra	

The “Viewer”

- Web application for iPad
- Uses *Connectify* software
 - Makes interviewing laptop its own password-protected web server
 - iPad connects to that server

