

June 4, 2018

NOTE TO THE  
REVIEWER OF:

OMB CLEARANCE 1220-0141  
“Cognitive and Psychological Research”

FROM:

Brandon Kopp  
Research Psychologist  
Office of Survey Methods Research

SUBJECT:

Submission of Materials for the ‘Testing of  
the Redesigned Consumer Expenditure  
Mobile Diary 2018’ Study

Please accept the enclosed materials for approval under the OMB clearance package 1220-0141 “Cognitive and Psychological Research.” In accordance with our agreement with OMB, we are submitting a brief description of the study.

The total estimated respondent burden hours for this study are 23.

If there are any questions regarding this project, please contact Brandon Kopp at 202-691-7514.

## **1. Introduction and Purpose**

In 2017, the Division of Consumer Expenditure Surveys contracted with Westat to build a prototype online web instrument for the Consumer Expenditure Diary Survey (CED). The newly designed instrument was usability tested with a small number of participants<sup>1</sup>. Since that time, a number of design changes have been requested, including the removal of an option for individual household members to fill out their own diaries and the addition of fields related to the collection of businesses where expenditures were made (outlets).

This study will assess the usability of an updated prototype web instrument accessed through mobile, looking specifically at whether the inclusion of outlet questions leads to data quality issues. The mobile layout was chosen for testing because the earlier testing had focused on the full-sized web layout. Given limited resources and the additional burden of developing wireframes for the web version, it was decided to focus solely on the mobile layout.

## **2. Research Design**

A wireframe that simulates the mobile web version of the diary was developed in Microsoft Access (See Appendix A). A simulated version was developed to enable staff to test the requested design revisions before finalizing instrument specifications. Although the wireframe does not have the full functioning of the web instrument, lab testing with the wireframe can inform instrument design and training materials. The mock-up of a mobile website will be presented to participants on a computer monitor in the Office of Survey Methods Research usability lab. Camtasia software will be used to record the session. Participants will interact with the wireframe using the computer's mouse and keyboard.

As this is pretesting, we expect that modifications may be made during the course of the study based on initial interviews/sessions/groups. Although the goals of the testing, and overall design, will remain the same, findings from preliminary results may be used to improve the interview guide, the debriefing questions, or the instrument.

All participants will be given a series of scenarios describing fictional expenses, and be asked to record those expenses in the diary. The participants will also be asked to enter one of their own recent, real-world expenses in the diary. The fictional expense tasks are designed to understand the following issues that may indicate the impact of inclusion of outlets on the CE, related to data quality and burden:

- The collection of outlets may be confusing to participants if outlets are not clearly defined (e.g., a Starbucks within a grocery store, which operates as a separate outlet) or outlets are unknown (e.g., he or she does not know the name for the outlet, such as at a parking meter).

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<sup>1</sup> See the following link for OMB Package explaining previous procedures:  
[https://www.reginfo.gov/public/do/PRAViewIC?ref\\_nbr=201408-1220-002&icID=220548](https://www.reginfo.gov/public/do/PRAViewIC?ref_nbr=201408-1220-002&icID=220548)

- The collection of outlets may make it more obvious that combined event expenditures (e.g., a night out including dinner and a movie) should be entered separately since they occurred at different outlets.
- For certain types of expenses, the instrument preloads the date of expense, outlet name, and item category, which may confuse participants and lead to lower data quality if they do not edit these fields when needed. However, it is hoped that feature will reduce burden and limit the amount of data entry participants have to do when entering a string of expenses (e.g., entering several grocery purchases).

The protocol is described in Appendix B and accompanying receipts in Appendix C. Debriefing questions are included in Appendix D.

### **3. Measures of interest**

At least two observers will either attend every interview session or watch a screen recording of each interview. The observers will rate whether each participant was successful in completing each task. Task success requires completing the task without assistance from the interviewer; the participant may make errors as long as he or she corrects them before finishing the task. Task failure may be due to misunderstanding of CE data requirements, usability challenges, or any other reason. These ratings will be tallied and reported for qualitative comparison across diary versions. Observer notes will also be considered.

The time taken for each task will be collected using the task timers within the Morae software.

### **3. Participants**

Participants will be recruited from the OSMR participant database. Efforts will be made to select participants with varying levels of age, gender, education, and race based on self-reported information collected during an initial recruitment process and stored in the database. The pool of participants will also be limited to those who have not participated in any previous tests of the CE Diary.

### **4. Burden Hours**

Our goal is to obtain feedback from 20 participants. We anticipate that the interview session will last no longer than one hour. Recruiting and scheduling of up to 30 prospective participants is estimated to take an additional 5 minutes per participant. The study is anticipated to require a total of 23 burden hours. A \$40 incentive will be provided to all participants who take part in the study.

N	Burden Hours/	Total Burden Hours
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	<b>Participant</b>		
Initial Recruitment	30	0.083	2.5
In-Lab Session	20	1	20
<b>TOTAL</b>		1 hr 5 min	23 hours

## **5. Data Confidentiality**

Participants will be informed as to the voluntary nature of the study. Participants will also be informed that the study will be used for internal purposes to improve the design of the Consumer Expenditure survey. Participants will be given a consent form to read and sign (Appendix E). Information related to this study will not be released to the public in any way that would allow identification of individuals except as prescribed under the conditions of the Privacy Act Notice.

See the following attachments:

Appendix A – Screenshots

Appendix B – Interview Protocol

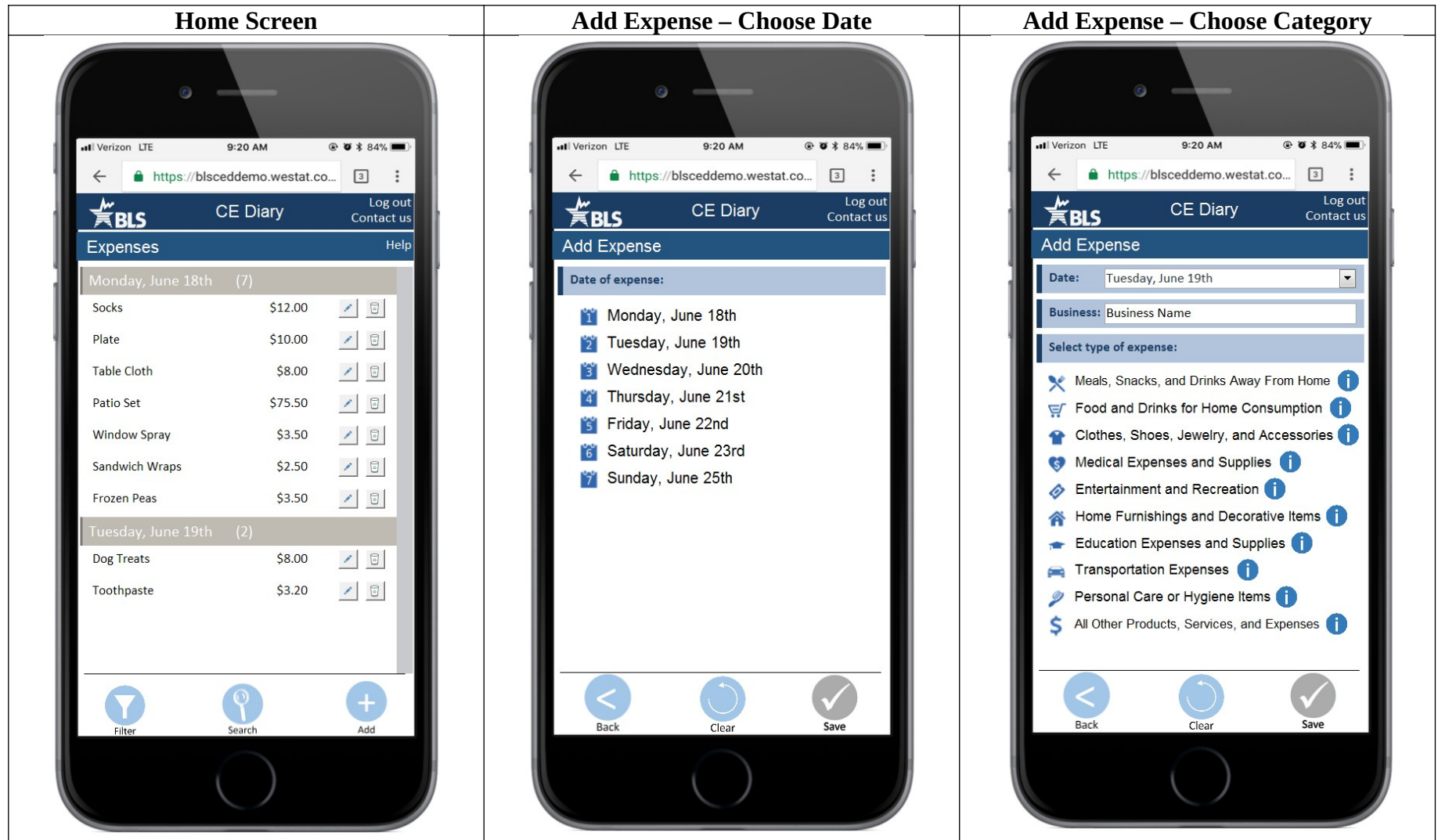
Appendix C – Receipts

Appendix D – Debriefing Questions

Appendix E – Consent Form

## Appendix A: Screenshots

Screenshots have been cropped for space. Only blank screen space has been cropped out. The screenshots below, including the mock-iPhone border will be presented on a computer monitor. Participants will interact with the device using a mouse and keyboard.



### Add Expense – Food Away Questions

The screenshot shows the 'Add Expense' form for 'Food Away Questions'. The date is set to 'Tuesday, June 19th', the business is 'Business Name', and the type is 'Meals, Snacks, and Drinks Away From Home'. The form includes a 'Describe meal' field, a 'Total cost (include tax and tip)' field, and radio button options for 'Breakfast', 'Lunch', 'Dinner', and 'Snack/Other'. There are also checkboxes for 'Select any alcohol included' with options for 'None', 'Beer', 'Wine', and 'Other'. At the bottom are 'Back', 'Clear', and 'Save' buttons.

### Add Expense – Food at Home Questions

The screenshot shows the 'Add Expense' form for 'Food at Home Questions'. The date is 'Tuesday, June 19th', the business is 'Business Name', and the type is 'Food and Drinks for Home Consumption'. The form includes a 'Describe the food or drink item' field, a 'Total cost (do not include tax)' field, and radio button options for 'Fresh', 'Frozen', 'Bottled/Canned', and 'Other'. It also includes a 'Was this purchased for someone outside your household?' question with 'Yes' and 'No' options. At the bottom are 'Back', 'Clear', and 'Save' buttons.

### Add Expense – Clothing Questions

The screenshot shows the 'Add Expense' form for 'Clothing Questions'. The date is 'Tuesday, June 19th', the business is 'Business Name', and the type is 'Clothes, Shoes, Jewelry, and Accessories'. The form includes a 'Describe item or expense' field, a 'Total cost (do not include tax)' field, and radio button options for 'Age of person this item was purchased for' (Under 2, 2-15, 16 And Over) and 'Gender of person this item was purchased for' (Female, Male). It also includes a 'Was this purchased for someone outside your household?' question with 'Yes' and 'No' options. At the bottom are 'Back', 'Clear', and 'Save' buttons.

### Add Expense – Other Category Questions

Verizon LTE 9:20 AM 84%

https://blsceddemo.westat.co...

BLS CE Diary Log out Contact us

**Add Expense**

Date: Tuesday, June 19th

Business: Business Name

Type: All Other Products, Services, and Expense

**Details:**

Describe item or expense *i*

Total cost (do not include tax) *i*

\$

Was this purchased for someone outside your household?

Yes  No

Back Clear Save

### Edit Expense

Verizon LTE 9:20 AM 84%

https://blsceddemo.westat.co...

BLS CE Diary Log out Contact us

**Add Expense**

Date: Monday, June 18th

Business: Target

Type: Medical Expenses and Supplies

**Details:**

Describe item or expense *i*

Patio Set

Total cost (do not include tax) *i*

\$ 75.50

Was this purchased for someone outside your household?

Yes  No

Cancel Accept

### Description/Cost Information

Verizon LTE 9:20 AM 84%

https://blsceddemo.westat.co...

BLS CE Diary Log out Contact us

**Add Expense**

Date: Tuesday, June 19th

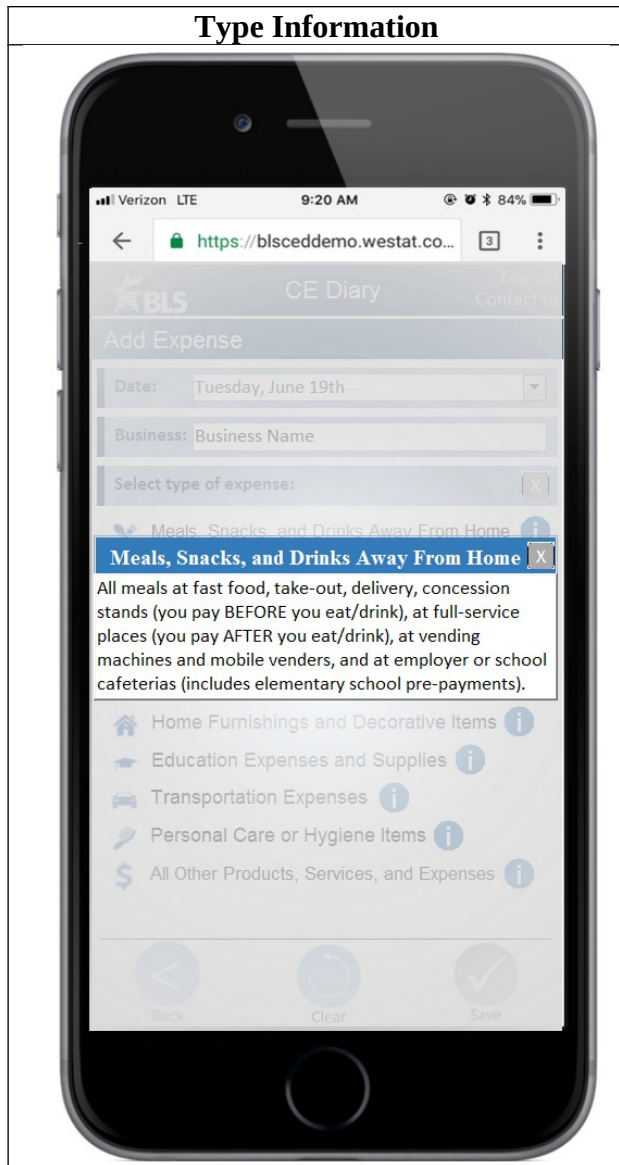
**Food and Drinks Away from Home**

Description	Amount
Dinner with friends	\$135.08
Purchase Date	10/27/2015
Alcohol Type	Other
<b>Total Cost (Value of Purchase)</b>	<b>\$135.08</b>

None Beer Wine Other

Back Clear Save

## Type Information





## Appendix B: Protocol

### Introduction

- Hi! Thank you for coming in today.
- I have a couple colleagues in the next room that will be observing and taking notes.
- Explanation of the study purpose:
  - Today we're going to be testing a part of the Consumer Expenditure Survey. This survey collects information about how US households spend their money. We currently ask people to complete a diary to keep track of expenses during a week-long period, but now we are trying a few different designs to see what works best.
  - It's important to note that this is not a test of your ability. Our purpose today is to find out how easy or difficult it is to use the diary and to identify ways to improve it. Your feedback now can help make our future work more productive.
- Consent Form and permission to record screen and audio.
- Any questions before we begin?

### Background about the CE Diary

- The Consumer Expenditure Survey is about understanding how US households spend their money. We provide our respondents with a diary, like this paper one, so they can keep track of daily expenses –eating out, groceries, household shopping, that kind of thing. In our session today, I'll ask you to imagine that you are one of our respondents and you are entering your daily expenses into a diary for us. We ask thousands of people to do this to understand what people are buying.
- We recently developed a test version of the diary, and that's what we'll be working with today. Everything will be presented on the computer and you will be using the keyboard and mouse, but this is meant to represent a mobile website.
- I'd like to start our session by walking through the diary – first, how to enter your expenses. Here are some screenshots of the diary to look at while we talk about it.
- You'll enter each of your expenses separately into the diary. Say I bought a gallon of milk and a loaf of bread at the grocery store yesterday. I would enter those in one at a time. First, I would select yesterday's date. Then I would type in that I got it from Safeway using the Business field. Then, the diary prompts me to label this expense with one of these pre-assigned labels – it's Food for Home Consumption. I would then enter the "Description;" "Milk" and then how much I paid; "3.99". Finally, I answer the follow-up questions. For this one, I would say "Fresh". And, since I bought it for myself I would answer no to whether I purchased it for someone outside my household.

When I press "Save," it records everything I entered and then resets the fields, but it leaves the date, the business name, and the item category filled in. This is done so you can enter a list of items from a shopping trip together. If you want to enter items for a different store or a different date, you can press the "clear" button. If you want to enter more items from that same store and date, you can also make changes to the category if necessary. For example, if

you also bought toothpaste at Safeway, you could select “All other..” from the category list and enter the remaining information.

- Does that make sense?
- Now you can always come back to your Home screen to see a summary of your expenses. See, here are all of the expenses you entered – the milk and the bread. If you’re ever looking for an item – to check that you entered it or to maybe go back and delete it if you returned the item – then you can look for it here.
- Does that make sense? We can go through another example if you’d like.
- Now, that’s how it will work for most things you enter into the diary. Expenses for eating out are a little different. We care about the entire meal altogether, not each dish you ordered.

You start off the same way – entering the date and the name of the restaurant. You then select “Food and Drinks Away From Home” as the category. Then you type in a description for the meal – maybe “Dinner with Joe”. For this category, we are interested in the total expense for the meal. There are a couple additional questions about what meal it was purchased for and whether alcohol was included.

In that way, it’s different from groceries where we’re interested in the items that you bought. Here, we need to know about the meal as a whole. When you press “Save” you will be brought back to the Home screen.

- Do you have any questions before we get started? You can ask questions as we’re going through but I may give you vague answers because we are interested in finding out how you would use a diary like this if someone wasn’t around. You can use the “i” icons to get more information.

## Tasks


Now I’m going to ask you to enter expenses into the diary. Most of them will be made-up expenses. Imagine that you have agreed to take part in our survey and your task is to enter the information into the diary. Do you have any questions before we begin?




Ok, I’ll describe each expense to you and present it to you in the form of a receipt or bill. Please enter that expense into the diary. While you’re entering the expense, imagine that you’re at home on your phone and that I’m not here. When you finish entering something into the diary, let me know. I’ll ask you a quick question about how easy or difficult that task was, and then we’ll move on to the next thing.


[NOTE TO INTERVIEWER] After each task ask the following question.



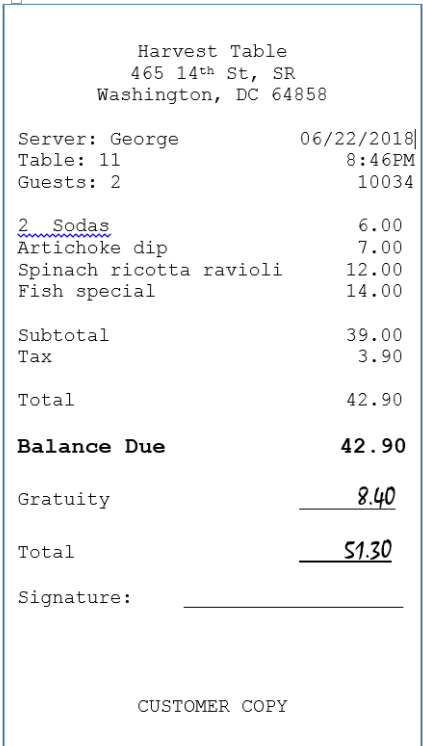
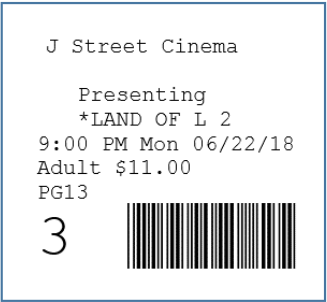

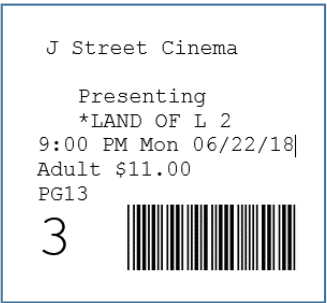

How easy or difficult was it to complete this task?



- Very easy
- Somewhat easy
- Neither easy nor difficult
- Somewhat difficult
- Very difficult

Task	Task Name	Text Read to Respondents																					
1.	<b>Enter own expenses</b>	<p>Let's start with something from real life. Think back to the last food purchase you made. Please add that to the diary.</p> <p>Think back to the last non-food purchase you made and enter that into the diary.</p>																					
2.	<b>Mixed Item Types</b>	<p>You went shopping at Jmart on [DATE]. You got some spray cleaner, some Tupperware, and some milk. Here's your receipt. Please enter these into the diary.</p> <div data-bbox="799 609 1170 1320" style="border: 1px solid black; padding: 10px; text-align: center;">  <p>J jmart</p> <p>JMART STORE 762 1101 J STREET, NW WASHINGTON, DC 10991</p> <p>**WELCOME TO YOUR** **JMART STORE 762**</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">002153998</td> <td style="width: 60%;">WINDX SPRY 24OZ</td> <td style="width: 25%; text-align: right;">\$3.99</td> </tr> <tr> <td>110033919</td> <td>2PCT BLYFRM MILK 1GAL</td> <td style="text-align: right;">\$3.99</td> </tr> <tr> <td>002129876</td> <td>GLD TPPERWRE 2PK</td> <td style="text-align: right;">\$4.50</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">*** TAX \$0.49</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">*** TOTAL \$12.97</td> </tr> </table> <p>XXXXXXXXXXXX1234 DEBIT APPROVAL 832445 AMOUNT DEBIT FROM CARD \$12.97</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">VF</td> <td style="width: 40%;">DEBIT</td> <td style="width: 50%; text-align: right;">\$12.97</td> </tr> <tr> <td></td> <td>CHANGE</td> <td style="text-align: right;">\$0.00</td> </tr> </table> <p>THANK YOU!</p> <p>JUNE 18, 2018 5:32 PM</p> </div>	002153998	WINDX SPRY 24OZ	\$3.99	110033919	2PCT BLYFRM MILK 1GAL	\$3.99	002129876	GLD TPPERWRE 2PK	\$4.50			*** TAX \$0.49			*** TOTAL \$12.97	VF	DEBIT	\$12.97		CHANGE	\$0.00
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4.	<b>Multiple of same type</b>	<p>The next day, you stopped by a department store called Percy's on your way home from work. You picked up two shirts. Please enter that into the diary.</p>																					

		<div data-bbox="818 201 1151 873" style="border: 1px solid black; padding: 10px; text-align: center;">  <p>PERCY'S TOWN CENTER PLAZA 290 PEACH ORCHARD LANE BETHESDA, MD 40201</p> <p>----- ASSOC 1948-586    6:30PM 06/19/18 -----</p> <table border="0"> <tr> <td>BTN DSGN SHIRT 12972</td> <td style="text-align: right;">\$39.50</td> </tr> <tr> <td>PROMOTION</td> <td style="text-align: right;">\$25.00 -</td> </tr> <tr> <td>PRICE YOU PAID</td> <td style="text-align: right;">\$14.50</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>RED SVB SHIRT 54983</td> <td style="text-align: right;">\$19.90</td> </tr> <tr> <td colspan="2"> </td> </tr> <tr> <td>                  SUBTOTAL</td> <td style="text-align: right;">\$34.40</td> </tr> <tr> <td>                  5.75% SALES TAX</td> <td style="text-align: right;">1.98</td> </tr> <tr> <td>                  TOTAL</td> <td style="text-align: right; border-bottom: 1px solid black;">\$36.38</td> </tr> </table> <p>CREDIT ACCT: XXXXXXXXXXXX1234 APPROVAL: 948476765</p> <p>TOTAL PAYMENT \$36.38</p> <p>THANK YOU FOR SHOPPING AT PERCY'S</p>  <p>10000081413</p> <p>CUSTOMER COPY</p> </div>	BTN DSGN SHIRT 12972	\$39.50	PROMOTION	\$25.00 -	PRICE YOU PAID	\$14.50			RED SVB SHIRT 54983	\$19.90			SUBTOTAL	\$34.40	5.75% SALES TAX	1.98	TOTAL	\$36.38
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5.	<b>Same Type, Different Outlet</b>	<p>You went back to Jmart and ended up buying a shirt that you had seen the last time you were there. Here's your receipt.</p> <div data-bbox="823 966 1151 1640" style="border: 1px solid black; padding: 10px; text-align: center;">  <p>J jmart</p> <p>JMART STORE 762 1101 J STREET, NW WASHINGTON, DC 10991</p> <p>**WELCOME TO YOUR** **JMART STORE 762**</p> <table border="0"> <tr> <td>008269213 CSL T-SHIRT</td> <td style="text-align: right;">\$14.99</td> </tr> <tr> <td>*** TAX</td> <td style="text-align: right;">\$0.86</td> </tr> <tr> <td>*** TOTAL</td> <td style="text-align: right;">\$15.85</td> </tr> </table> <p>XXXXXXXXXXXX1234 DEBIT APPROVAL 832445 AMOUNT DEBIT FROM CARD \$15.85</p> <table border="0"> <tr> <td>VF</td> <td>DEBIT</td> <td style="text-align: right;">\$15.85</td> </tr> <tr> <td></td> <td>CHANGE</td> <td style="text-align: right;">\$0.00</td> </tr> </table> <p>THANK YOU!</p> <p>JUNE 20, 2018 1:32 PM</p> </div>	008269213 CSL T-SHIRT	\$14.99	*** TAX	\$0.86	*** TOTAL	\$15.85	VF	DEBIT	\$15.85		CHANGE	\$0.00						
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6.	<b>Delete Item</b>	<p>Now you want to return the button down shirt you bought at Percy's. Please go into the diary and delete that shirt from the diary.</p>																		
7.	<b>Online Purchase</b>	<p>That night, you went online to pick out a book for a friend. Here's your receipt. Please enter this book into the diary.</p>																		

		<p style="text-align: center;"></p> <p style="text-align: center;"><b>Final Details for Order #198438-7469</b> Print this page for your records</p> <p>Order placed: June 20, 2018 Sahara.com order number: 198438-7469 Order total: \$38.91</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Shipping on June 21, 2018</th> </tr> </thead> <tbody> <tr> <td style="width: 60%;"><b>Item(s) ordered</b></td> <td style="text-align: right;"><b>Price</b></td> </tr> <tr> <td>1 of: Harry Potter and the Goblet of Fire; Rowling, J. K.</td> <td style="text-align: right;">\$38.91</td> </tr> <tr> <td colspan="2">Condition: New</td> </tr> <tr> <td colspan="2">Sold by: sahara.com, LLC</td> </tr> <tr> <td><b>Shipping address</b></td> <td>Item(s) subtotal: \$38.91</td> </tr> <tr> <td>1234 Main St, NE</td> <td>Shipping &amp; Handling: \$5.00</td> </tr> <tr> <td>Washington, DC 98842-5684</td> <td>Total before tax: \$43.91</td> </tr> <tr> <td>UNITED STATES</td> <td>Sales tax: \$0.00</td> </tr> <tr> <td><b>Shipping speed:</b></td> <td></td> </tr> <tr> <td>Regular 3-5 days</td> <td>Total for this shipment: \$43.91</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Payment Information</th> </tr> </thead> <tbody> <tr> <td><b>Payment method</b></td> <td>Total charged: \$43.91</td> </tr> <tr> <td>Mastercard   last digits: 1234</td> <td></td> </tr> <tr> <td><b>Billing address</b></td> <td></td> </tr> <tr> <td>1234 Main Street, NE</td> <td></td> </tr> <tr> <td>Washington, DC 98842-5684</td> <td></td> </tr> <tr> <td>UNITED STATES</td> <td></td> </tr> </tbody> </table> <p style="text-align: center;">To view the status of your order, return to <a href="#">Order Summary</a></p>	Shipping on June 21, 2018		<b>Item(s) ordered</b>	<b>Price</b>	1 of: Harry Potter and the Goblet of Fire; Rowling, J. K.	\$38.91	Condition: New		Sold by: sahara.com, LLC		<b>Shipping address</b>	Item(s) subtotal: \$38.91	1234 Main St, NE	Shipping & Handling: \$5.00	Washington, DC 98842-5684	Total before tax: \$43.91	UNITED STATES	Sales tax: \$0.00	<b>Shipping speed:</b>		Regular 3-5 days	Total for this shipment: \$43.91	Payment Information		<b>Payment method</b>	Total charged: \$43.91	Mastercard   last digits: 1234		<b>Billing address</b>		1234 Main Street, NE		Washington, DC 98842-5684		UNITED STATES	
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7.	<b>Long List Same Item Category</b>	<p>You went shopping at ValUMart and picked up several things for your household. Here is your receipt. Please enter these expenses.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <pre> ** Val U Mart ** STORE 326 295 UTANA WAY ARLINGTON, VA 43983  WELCOME! LOW PRICES EVERYDAY!  985458 MILK 1GAL 2PCT          4.29 023134 GRNY SMTH APPLES   1.40 lb @ 2.29/lb          3.21 854873 NVL ORANGES   2.34 lb @ 1.59/lb          3.72 875498 CLEMENTINES 5LB        6.99 544893 BAG SPINACH 9OZ        2.99 475454 NBSC CRACKERS          3.49 436754 VALU COOKIES           1.09  **TAX 0.00          TOTAL    25.78  CASH                30.00  CHANGE DUE         4.22  THANK U FOR SHOPPING AT VAL U MART  06/21/18  22:21      TRNS 8548-6797 </pre> </div>																																				
8.	<b>Multiple Embedded Outlets</b>	<p>Imagine that you went in to Sureway, your neighborhood grocery store, in the morning on your way to work. It's easy for you because you like to get a coffee in the morning at Fourbucks, and there's a Fourbucks located inside of Sureway. So, you go in to get a coffee to drink on your way to the office, and a loaf of bread for home. Here are your receipts.</p>																																				

		 <p>SUREWAY STORE 4035-43 184 125<sup>TH</sup> ST NE WASHINGTON, DC 19328</p> <p><b>GROCERY</b></p> <p>ARNLD SLC WHT BREAD 1.23 F REG PRICE 1.55</p> <p>***TAX 0.00 BAL 1.23 CASH 2.00</p> <p>CHANGE 0.77</p> <p>NUMBER OF ITEMS=1</p> <p>HAVE A GOOD DAY! 06/22/18 8:01AM</p>	<p><b>FOURBUCKS</b> 184 125<sup>th</sup> St, NE Washington, DC 19328</p> <p>Find us inside your neighborhood grocery store</p>  <p>----- JUN 22 2018  09:32 CASHIER: JIMMY K. TRANSACTION NO. 32972 -----</p> <p>1 GR AMERICANO 2.95</p> <p>SUBTOTAL 2.95 TAX 0.17 TOTAL 3.12</p> <p>CASH 5.00 CHANGE DUE 1.88</p> <p>THANK YOU</p>
9.	<b>Verify Expenses</b>	You are worried that you didn't enter all the purchases from your trip to ValUMart. Check to make sure that you entered everything.	
10.	<b>Multiple Expenses, Different Categories</b>	<p>Now, it's your friend's birthday so you treat them to a night out. Dinner at a restaurant called Harvest Table and a movie at J Street Cinema, and you paid for both. Here's your receipt from dinner and the two movie ticket stubs.</p>  <p>Harvest Table 465 14<sup>th</sup> St, SR Washington, DC 64858</p> <p>Server: George 06/22/2018  Table: 11 8:46PM Guests: 2 10034</p> <p>2 Sodas 6.00 Artichoke dip 7.00 Spinach ricotta ravioli 12.00 Fish special 14.00</p> <p>Subtotal 39.00 Tax 3.90</p> <p>Total 42.90</p> <p><b>Balance Due 42.90</b></p> <p>Gratuity 8.40</p> <p>Total 51.30</p> <p>Signature: _____</p> <p>CUSTOMER COPY</p>	 <p>J Street Cinema</p> <p>Presenting *LAND OF L 2 9:00 PM Mon 06/22/18 Adult \$11.00 PG13</p> <p>3 </p>  <p>J Street Cinema</p> <p>Presenting *LAND OF L 2 9:00 PM Mon 06/22/18  Adult \$11.00 PG13</p> <p>3 </p>
11.	<b>Outlet Unknown</b>	The next day when you get to work, the lot is full so you have to park on the street at a meter. You don't get a receipt so you enter the expense	

		<p>when you get to your desk - the meter cost \$2.25.</p> <div data-bbox="678 237 1297 506" style="border: 1px solid black; padding: 10px;">  <p>06/23/18 Feed the parking meter \$2.25</p> </div>
<p>12.</p>	<p><b>Bill</b></p>	<p>You get your life insurance bill in the mail and send off the payment by check. Here's the bill. Please enter this expense into the diary.</p> <div data-bbox="613 611 1357 1178" style="border: 1px solid black; padding: 10px;"> <p style="text-align: right;"></p> <p>Your latest York Life Insurance bill is ready</p> <div data-bbox="673 753 1040 913" style="border: 1px solid gray; padding: 5px; background-color: #f0f0f0;"> <p><b>Your Bill Summary</b> Account number: 354875487 Amount due: \$94.95 Bill date: June 1, 2018 Payment due date: June 30, 2018</p> </div> <p>PO Box 220 3 INSURANCE DRIVE WASHINGTON, DC 49932</p> <p>QUESTIONS? CALL US: Automated Billing and Payment      1-888-999-4321 Information available 7 days a week      1-800-CLAIM-33 Claim Service      1-800-CLAIM-33 Policy Questions or Change of Address      1-888-999-3211</p> </div>

## **Appendix D: Debriefing Questions**

I'd like to ask you some questions about your experience with the diary just now.

1. What did you think of the diary?
2. Overall, was it easy or difficult to use? Very Easy, Easy, Somewhat Easy, Neither Easy nor Difficult, Somewhat Difficult, Difficult, Very Difficult
3. How confident did you feel in filling out the entries in the diary? Not at all Confident, A Little Confident, Somewhat Confident, Very Confident, Extremely Confident
4. Were there any tasks that you found particularly difficult?
5. When I asked you to edit or delete an expense, was it easy or difficult to find that expense? Very Easy, Somewhat Easy, Neither Easy nor Difficult, Somewhat Difficult, Very Difficult
6. Say you had agreed to participate in this survey in real life. How long could you see yourself using this diary to enter your expenses every day?
7. Is there anything you would change to improve it?
8. Are there any functions or features that would make the diary better or easier to use?



**Appendix E: Consent form**

Consent Form

**OMB Control Number: 1220-0141**  
**Expiration Date: March 31, 2021**

The Bureau of Labor Statistics (BLS) is conducting research to increase the quality of BLS surveys. This study is intended to suggest ways to improve the procedures the BLS uses to collect survey data.

The BLS, its employees, agents, and partner statistical agencies, will use the information you provide for statistical purposes only and will hold the information in confidence to the full extent permitted by law. In accordance with the Confidential Information Protection and Statistical Efficiency Act of 2002 (Title 5 of Public Law 107-347) and other applicable Federal laws, your responses will not be disclosed in identifiable form without your informed consent. Per the Federal Cybersecurity Enhancement Act of 2015, Federal information systems are protected from malicious activities through cybersecurity screening of transmitted data. The Privacy Act notice on the back of this form describes the conditions under which information related to this study will be used by BLS employees and agents.

During this research you may be audio and/or videotaped, or you may be observed. If you do not wish to be taped, you still may participate in this research.

We estimate it will take you an average of 60 minutes to participate in this research.

Your participation in this research project is voluntary, and you have the right to stop at any time. If you agree to participate, please sign below.

Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. OMB control number is 1220-0141 and expires March 31, 2021.

-----  
I have read and understand the statements above. I consent to participate in this study.

\_\_\_\_\_  
Participant's signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Participant's printed name

\_\_\_\_\_

Researcher's signature

**PRIVACY ACT STATEMENT**

In accordance with the Privacy Act of 1974 as amended (5 U.S.C. 552a), this study is being conducted by the U.S. Department of Labor, Bureau of Labor Statistics (BLS), under the authority of 29 U.S.C. 2.

Your voluntary participation is important to the success of this study and will enable the BLS to better understand the behavioral and psychological processes of individuals, as they reflect on the accuracy of BLS information collections. The information will only be used by and disclosed to BLS personnel and contractors who need the information for activities related to improving BLS information collection.

Information on routine uses can be found in the system of records notice, DOL/BLS – 14, BLS Behavioral Science Research Laboratory Project Files (81 FR 47418).