

## D2Refine Usability Study – Study Task Session

Participant	Environment
	D2Refine

### TASKS:

For each of the following task - please first run the application by clicking on it, if not already running.

#### 1. Create and viewing data dictionary

- Start application, if not already running and access its user interface.
- Create a new Data Dictionary with an empty data dictionary (from a spreadsheet) available at “C:\AAA\TaskRun\SampleStarterDD.xlsx”.
- Prepend the rows if needed, to be able to define a total of 3 variables.
- Define total of 2 variables (with details below):

ID	Name	Description	Type	Unit	Default value	Min value	Max value	Reference
A110	SUBJID	Subject ID	Integer					
A111	SEX	Gender	String, Encoded					M=Male F=Female

- Save (if needed) and Close the data dictionary.
- Please write (or tell the study conductor) answers to the following questions

**Please record your feedback about this task in this particular environment:**

**I. Task completion time: \_\_\_\_\_ Minutes \_\_\_\_\_ Seconds**

**II. The system allows me to accomplish the task well?**

- \_\_\_\_\_ Strongly disagree
- \_\_\_\_\_ Disagree
- \_\_\_\_\_ Neither agree or disagree
- \_\_\_\_\_ Agree
- \_\_\_\_\_ Strongly Agree

**III. The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal?**

- \_\_\_\_\_ Strongly disagree
- \_\_\_\_\_ Disagree
- \_\_\_\_\_ Neither agree or disagree
- \_\_\_\_\_ Agree
- \_\_\_\_\_ Strongly Agree

## 2. Updating existing data dictionary

- a) Start application, if not already running and access its user interface.
- b) Open the Data Dictionary Created in previous task.
- c) Edit Variable name for “SEX” to “GENDER” and change it’s type to only “Encoded”.
- d) Add a 3<sup>rd</sup> variable “AGE” – see details in the table below:

ID	Name	Description	Type	Unit	Default value	Min value	Max value	Reference
A112	AGE	Subject Age	Integer	Years		19	89	

- e) Open this data dictionary again and verify if it opens again and has the updated content.
- f) Save (if needed) and Close the data dictionary.
- g) Please write (or tell the study conductor) answers to the following questions

**Please record your feedback about this task in this particular environment:**

**I. Task completion time: \_\_\_\_\_ Minutes \_\_\_\_\_ Seconds**

**II. The system allows me to accomplish the task well?**

1. \_\_\_\_\_ Strongly disagree
2. \_\_\_\_\_ Disagree
3. \_\_\_\_\_ Neither agree or disagree
4. \_\_\_\_\_ Agree
5. \_\_\_\_\_ Strongly Agree

**III. The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal?**

1. \_\_\_\_\_ Strongly disagree
2. \_\_\_\_\_ Disagree
3. \_\_\_\_\_ Neither agree or disagree
4. \_\_\_\_\_ Agree
5. \_\_\_\_\_ Strongly Agree

### 3. Searching & Binding Controlled Terminology Terms

- a) Open the data dictionary updated in previous task.
- b) Search and Link all the cell values of 'Name' column only. This might involve searching for values that do not find matches.
- c) Verify that all four values in of 'Name' column have been linked.
- d) Save (if needed) and Close the data dictionary.
- e) Please write (or tell the study conductor) answers to the following questions

**Please record your feedback about this task in this particular environment:**

**I. Task completion time: \_\_\_\_\_ Minutes \_\_\_\_\_ Seconds**

**II. The system allows me to accomplish the task well?**

1. \_\_\_\_\_ Strongly disagree
2. \_\_\_\_\_ Disagree
3. \_\_\_\_\_ Neither agree or disagree
4. \_\_\_\_\_ Agree
5. \_\_\_\_\_ Strongly Agree

**III. The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal?**

1. \_\_\_\_\_ Strongly disagree
2. \_\_\_\_\_ Disagree
3. \_\_\_\_\_ Neither agree or disagree
4. \_\_\_\_\_ Agree
5. \_\_\_\_\_ Strongly Agree

**4. Survey Questions** (Please check all that apply):

- a) ☐ It was simple to use this system.
- b) ☐ I can complete my work quickly and efficiently with this system.
- c) ☐ It was easy to learn to use this system.
- d) ☐ The information provided with this system is clear.
- e) ☐ The organization of the information on the system screens is clear.
- f) ☐ Whenever I make mistake using the system, I recover easily and quickly.
- g) ☐ It is easy to find information I needed.
- h) ☐ I feel comfortable using this system.
- i) ☐ Overall, I am satisfied with this system.