# 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.

## Create and viewing data dictionary

1. Start application, if not already running and access its user interface.
2. Create a new Data Dictionary with an empty data dictionary (from a spreadsheet) available at “C:\AAA\TaskRun\SampleStarterDD.xlsx”.
3. Prepend the rows if needed, to be able to define a total of 3 variables.
4. 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 |

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

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

* 1. **Task completion time: \_\_\_\_\_\_\_\_ Minutes \_\_\_\_\_\_\_ Seconds**
  2. **The system allows me to accomplish the task well?**
     1. **\_\_\_\_\_Strongly disagree**
     2. **\_\_\_\_\_Disagree**
     3. **\_\_\_\_\_Neither agree or disagree**
     4. **\_\_\_\_\_Agree**
     5. **\_\_\_\_\_Strongly Agree**
  3. **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**

## Updating existing data dictionary

1. Start application, if not already running and access its user interface.
2. Open the Data Dictionary Created in previous task.
3. Edit Variable name for “SEX’ to “GENDER” and change it’s type to only “Encoded”.
4. Add a 3rd 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 |  |

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

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

1. **Task completion time: \_\_\_\_\_\_\_\_ Minutes \_\_\_\_\_\_\_ Seconds**
2. **The system allows me to accomplish the task well?**
3. **\_\_\_\_\_Strongly disagree**
4. **\_\_\_\_\_Disagree**
5. **\_\_\_\_\_Neither agree or disagree**
6. **\_\_\_\_\_Agree**
7. **\_\_\_\_\_Strongly Agree**
8. **The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal?**
9. **\_\_\_\_\_Strongly disagree**
10. **\_\_\_\_\_Disagree**
11. **\_\_\_\_\_Neither agree or disagree**
12. **\_\_\_\_\_Agree**
13. **\_\_\_\_\_Strongly Agree**

## Searching & Binding Controlled Terminology Terms

* 1. Open the data dictionary updated in previous task.
  2. Search and Link all the cell values of ‘**Name**’ column only. This might involve searching for values that do not find matches.
  3. Verify that all four values in of ‘**Name’** column have been linked.
  4. Save (if needed) and Close the data dictionary.
  5. Please write (or tell the study conductor) answers to the following questions

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

* 1. **Task completion time: \_\_\_\_\_\_\_\_ Minutes \_\_\_\_\_\_\_ Seconds**
  2. **The system allows me to accomplish the task well?**

1. **\_\_\_\_\_Strongly disagree**
2. **\_\_\_\_\_Disagree**
3. **\_\_\_\_\_Neither agree or disagree**
4. **\_\_\_\_\_Agree**
5. **\_\_\_\_\_Strongly Agree**
   1. **The system enables me to accomplish the task well - according to my perceived understanding and expectation of the goal?**
6. **\_\_\_\_\_Strongly disagree**
7. **\_\_\_\_\_Disagree**
8. **\_\_\_\_\_Neither agree or disagree**
9. **\_\_\_\_\_Agree**
10. **\_\_\_\_\_Strongly Agree**

## Survey Questions (Please check all that apply):

1. \_\_\_\_\_It was simple to use this system.
2. \_\_\_\_\_I can complete my work quickly and efficiently with this system.
3. \_\_\_\_\_It was easy to learn to use this system.
4. \_\_\_\_\_The information provided with this system is clear.
5. \_\_\_\_\_The organization of the information on the system screens is clear.
6. \_\_\_\_\_Whenever I make mistake using the system, I recover easily and quickly.
7. \_\_\_\_\_It is easy to find information I needed.
8. \_\_\_\_\_I feel comfortable using this system.
9. \_\_\_\_\_Overall, I am satisfied with this system.