

Section - Basic Questionnaire

Q1. What is your native language?

Q2. How would you rate your proficiency in reading and understanding English?

Q3. Educational Qualification

Q4. How frequently do you buy books online (from Amazon, Flipkart etc)?

Q5. When researching an English fiction book, what existing tools and websites are you using?

- a. Google
- b. Google Scholar
- c. 'Project Gutenberg' website
- d. 'Uread.com' book website
- e. Goodreads.com
- f. Other

Q6. When evaluating a book 'similar' to a given book, how important are the following parameters?

- a. Ease of readability
- b. Writing style
- c. Overall sentiment of the book
- d. Author name
- e. Author's period of writing
- f. Author gender
- g. Genre of the book
- h. Size of the vocabulary

Section - System A

Task 1 - Select the book “**xxx**” from the dropdown and click on the **search** button.

Note the search results. The best matched book is the first in the list, followed by books in decreasing order of relevance.

Q1. Please judge the **helpfulness** of the result list with respect to the genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book.

Scale of not helpful at 1 to helpful at 5

Q2. Which four books do you think are most similar to “xxx”? (Your opinion may differ from the system results)

- a. ---
- b. ---
- c. ---
- d. ---

Q3. Which top salient aspects of the text, do you hold responsible for the choice of similar books above? (Please select from genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book)

- a. ---
- b. ---
- c. ---
- d. ---

Task 2 - Select the book “**xxx**” from the dropdown and click on the **search** button.

Note the search results. The best matched book is the first in the list, followed by books in decreasing order of relevance.

Q1. Please judge the **helpfulness** of the result list with respect to the genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book.

Scale of not helpful at 1 to helpful at 5

Q2. Which four books do you think are most similar to “xxx”? (Your opinion may differ from the system results)

- a. ---
- b. ---
- c. ---
- d. ---

Q3. Which top salient aspects of the text, do you hold responsible for the choice of similar books above? (Please select from genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book)

- a. ---
- b. ---
- c. ---
- d. ---

Section - System B

Task 1 - Select the book “**xxx**” from the dropdown and click on the **search** button.

Note the search results. The best matched book is the first in the list, followed by books in decreasing order of relevance.

Q1. Please judge the **helpfulness** of the result list with respect to the genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book.

Scale of not helpful at 1 to helpful at 5

Q2. Which four books do you think are most similar to “xxx”? (Your opinion may differ from the system results)

- a. ---
- b. ---
- c. ---
- d. ---

Q3. Which top salient aspects of the text, do you hold responsible for the choice of similar books above? (Please select from genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book)

- a. ---
- b. ---
- c. ---
- d. ---

Task 2 - Select the book “**xxx**” from the dropdown and click on the **search** button.

Note the search results. The best matched book is the first in the list, followed by books in decreasing order of relevance.

Q1. Please judge the **helpfulness** of the result list with respect to the genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book.

Scale of not helpful at 1 to helpful at 5

Q2. Which four books do you think are most similar to “xxx”? (Your opinion may differ from the system results)

- a. ---
- b. ---
- c. ---
- d. ---

Q3. Which top salient aspects of the text, do you hold responsible for the choice of similar books above? (Please select from genre, writing style, overall sentiment of the book, reading complexity, main character presence and dialog interaction ratio of the book)

- a. ---
- b. ---
- c. ---
- d. ---

Section - Explainability Evaluation (System B)

Note that a small explanation has been provided for the results in System B. Please answer the following questions with respect to how helpful or interesting the explanations were.

Q. Given the query book, could you think of possible explanations

General explainability

1) Were the explained features/aspects of the search results in line with your assumptions approximately?

- If yes, then what aspect did you like the most(one aspect) and what was left out(one aspect)?
- if no, then what were your expected assumptions?(Top 3 aspects)

Metadata explainability

2) On a scale of 1-5 , How well did the direct metadata information such as Book name, Rank of the search, Author Name and published year help you in explaining some aspects of the search?(one scale for each metadata and two systems A,B)

- What are your expected two direct metadata information about the books?

Book Summary explainability

3) Did you use the summary to understand any previously unknown book in the search result?(Y/N)

- If yes, then how satisfied were you with the helpfulness of the summary in explaining search results?

Visual Search explainability

4)We would be explaining the search results using emotions vs narrative time graphs.

- Given the search results, How useful were the graphs in explaining the search results?(scale of 1-5)
- What are the other two visual explainability aspects expected from you?

Textual Search explainability

5)We would be using some commonly occurring topics/themes/keywords to provide an explanation on search results.

- Given the search results, How useful were the topics in explaining the search results?(scale of 1 - 5)
- What are the other two textual explainability aspects expected from you?

Section - 'Go As You Like'

Task - Select any book of your choice besides “xxx” and “xxx” and select Search.

Selected Book Name : _____

Top 5 books expected by you :

- a. --
- b. --
- c. --
- d. --
- e. --

How close were the results obtained by the system to the result expected by you?

Scale of 1 to 5

Section - User System Interaction Evaluation (UI Satisfaction)

Task - User must extensively try out multiple searches of their choice, explore all the UI options available to them such as filter by genre and the download epub button in order to evaluate the flow of the user - machine interaction and determine how satisfactory it is.

Q1. How simple and self explanatory was the user interface given the tasks performed so far?

- a. Not at all understandable
- b. Understandable, but sluggish to explore
- c. Fair enough but could be better
- d. Clear and easily understandable
- e. Extremely lucid

Q2. What is your opinion about the organization of the information on the screen?

- a. Very confusing
- b. Slightly confusing
- c. A little clear
- d. Very clear

Q3. Please state your level of agreement for the following (Strongly Disagree, Disagree, Neutral, Positive, Strongly Positive):

- a. Use of terms throughout the system is consistent

- b. Position of messages on the screen is consistent
- c. Prompts for inputs are clear
- d. Search results are clearly laid out and consistent
- e. Explanation of the results is clearly laid out and visible

Q4. How difficult are the following operations?

- a. Learning to operate the system and searching for similar books given a desired query book
- b. Exploring the search results (be it top 10 or 25)
- c. Comparing between two result books for visual explanations
- d. Viewing the explanations of the search results in terms of most important features
- e. Beginning a new search given that you are done with your previous one

Q5. On a scale of 1 to 5, 1 being the lowest and 5 being the highest, please rate the following:

- a. System Speed
- b. Search Results Reliability
- c. Quality of the information provided on screen (summary of a book, book metadata information, download options, explanation of results)
- d. Quality of the way the explanation of the results is provided (top features, visual explanation)
- e. Overall Satisfaction with the User Interface

Q6. How likely are you to continue using this system, if required?

1-5

Q7. How likely are you to perform multiple searches for multiple query books in one session?

Q8. Any suggestions