APPENDIX-1

This appendix presents two demonstrations of the expert system for Documents selection. The first demonstration illustrates the extreme possibility of the user choosing best choice for all the questions that means the total should be 100. Whereas the second illustrates the other extreme possibility of the user choosing the least choice in which case the system suggest that the document should be chosen on third i.e. last priority.

DEMO 1

Q1 To which subject the document belongs to? Chemistry

Q2 Is the document inter disciplinary?(y/n) y

Q3 If YES What is the focus of the document?

1 Main Subject
2 Sub Subject
3 Applied Subject

Enter one of the numbers 1

Q3 If YES What is the focus of the document?

1 Main Subject
2 Sub Subject
3 Applied Subject

Enter one of the numbers 1

Q4 How is the document related?

1 Directly supports the program
2 Supports the institutional emphasis
3 Major field of scholarship
4 Ancillary to the programs
5 Specialized topic
6 Minor field of scholarship
7 Reference book
8 Tangential to the programs
9 Marginal area of scholarship
Appendix

Enter one of the numbers 1

Q5 How is the subject matter arranged?
1 General to specific
2 General work
3 Narrowly focused work

Enter one of the numbers 1

Q6 What kind of source material the document is?
1 Primary
2 Secondary
3 Tertiary
Enter one of the numbers 1

Q7 Is the document support the
1 Ongoing teaching
2 Ongoing research
3 Future projected area

Enter one of the numbers 1

Q8 Define the intellectual content of the document?
1 Key work in the field
2 Key author
3 Major critical study
4 Substantial new contribution to learning
5 General essays
6 Narrowly focused work
7 Narrow intellectual perspective
8 Popular treatment
9 Raw or unedited material
10 Marginal work
11 Trivial literature
12 Propaganda literature

Enter one of the numbers 1
Q9 How is the author of the document rated?
1 Well known author
2 Key author
3 Less / unknown author
Enter one of the numbers 1

Q10 Who is the target user of the document?
1 Students
2 Research scholars
3 Faculty members
4 Others
Enter one of the numbers 1

Q11 Expected average percentage of users
1 Less than 10%
2 More than 10%
Enter one of the numbers 2

Q12 How is the document rated for use?
1 Known research area
2 User request based on need
3 Need based on known interest
4 General interest
5 Recommended by the patron without specific need
6 Immediate use unlikely
7 Background reading
8 Presents problems of accessibility
9 Infrequent use
Enter one of the numbers 1

Q13 Who is the publisher of the document?
1 Distinguished publisher
2 Significant sponsoring body
3 Specialized publisher of high quality
4 Major trade publisher
5 Popular publisher
6 Specialized publisher
7 Less known publisher
8 Unknown publisher

Enter one of the numbers: 1

Q14 What is the date of publication?
1 Latest
2 Less than 3 year old
3 More than 3 year old

Enter one of the numbers: 1

Q15 What is the nature of publication?
1 Published theses
2 Research report
3 Collection of papers
4 Working papers
5 Pamphlets / Ephemera

Enter one of the numbers: 1

Q16 Is the existing collection sufficient to support teaching and research in the core area?
1 Yes
2 No

Enter one of the numbers: 1

Q17 If yes do you want to further strengthen the core area?
1 Yes
2 No

Enter one of the numbers: 1
Q18 How is the document compared with the existing collection in the library?

1 Central to the existing collection
2 Closely related
3 Necessary for intellectual integrity
4 Good series
5 Develops existing collection strengths
6 Historical collection strength
7 Additional copies required
8 Completes a series serial and set
9 Very specialized material
10 Unrelated material

Enter one of the numbers 1

* * * * * * * * *

* The title belongs to the subject chemistry

* The total score is 100 0

* As the title receives more than 67 points it ranks to be of first priority
  * * * * * * * * *

DEMO 2

Q1 To which subject the document belongs to? chemistry

Q2 Is the document interdisciplinary?(y/n) y

Q4 How is the document related?

1 Directly supports the program
2 Supports the institutional emphasis
3 Major field of scholarship
4 Ancillary to the programs
5 Specialized topic
Appendix

6 Minor field of scholarship
7 Reference book
8 Tangential to the programs
9 Marginal area of scholarship

Enter one of the numbers 9

Q5 How is the subject matter arranged?

1 General to specific
2 General work
3 Narrowly focused work

Enter one of the numbers 3

Q6 What kind of source material the document is?

1 Primary
2 Secondary
3 Tertiary

Enter one of the numbers 3

Q7 Is the document support the

1 Ongoing teaching
2 Ongoing research
3 Future projected area

Enter one of the numbers 3

Q8 Define the intellectual content of the document?

1 Key work in the field
2 Key author
3 Major critical study
4 Substantial new contribution to learning
5 General essays
6 Narrowly focused work
7 Narrow intellectual perspective
8 Popular treatment
9 Raw or unedited material
10 Marginal work
11 Trivial literature
Appendix

12 Propaganda literature
Enter one of the numbers 12

Q9 How is the author of the document rated?

1 Well known author
2 Key author
3 Less / unknown author

Enter one of the numbers 3

Q10 Who is the target user of the document?

1 Students
2 Research scholars
3 Faculty members
4 Others

Enter one of the numbers 4

Q11 Expected average percentage of users

1 Less than 10%
2 More than 10%

Enter one of the numbers 1

Q12 How is the document rated for use?

1 Known research area
2 User request based on need
3 Need based on known interest
4 General interest
5 Recommended by the patron without specific need
6 Immediate use unlikely
7 Background reading
8 Presents problems of accessibility
9 Infrequent use

Enter one of the numbers 9
Q13 Who is the publisher of the document?

1 Distinguished publisher  
2 Significant sponsoring body  
3 Specialized publisher of high quality  
4 Major trade publisher  
5 Popular publisher  
6 Specialized publisher  
7 Less known publisher  
8 Unknown publisher  

Enter one of the numbers  8

Q14 What is the nature of publication?

1 Published theses  
2 Research report  
3 Collection of papers  
4 Working papers  
5 Pamphlets / Ephemera  

Enter one of the numbers  5

Q15 What is the date of publication?

1 Latest  
2 Less than 3 year old  
3 More than 3 year old

Enter one of the numbers  3

Q16 Is the existing collection sufficient to support teaching and research in the core area?

1 Yes  
2 No

Enter one of the numbers  2
Q18 How is the document compared with the existing collection in the library?

1 Central to the existing collection
2 Closely related
3 Necessary for intellectual integrity
4 Good series
5 Develops existing collection strengths
6 Historical collection strength
7 Additional copies required
8 Completes a series serial and set
9 Very specialized material
10 Unrelated material

Enter one of the numbers 10

* * * * * * * * *

* The total score is 16

* The title belongs to the subject chemistry

* The total score is 14 03508772

* As the title receives more than 1 and less than 34 points it ranks to be of third priority

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