Experimento requisitos

Nombre y Apellidos: [redacted] .....
DNI [redacted] .....

Parte I. Nivel de conocimiento de las herramientas

Ocupación: [redacted] .....
Grado/Título [redacted] .....

Nivel de conocimiento de [i*]: Principiante / con cierta experiencia / usuario habitual / experto

Años de experiencia [i*]: ∅

Parte II. Resolución de casos de estudio

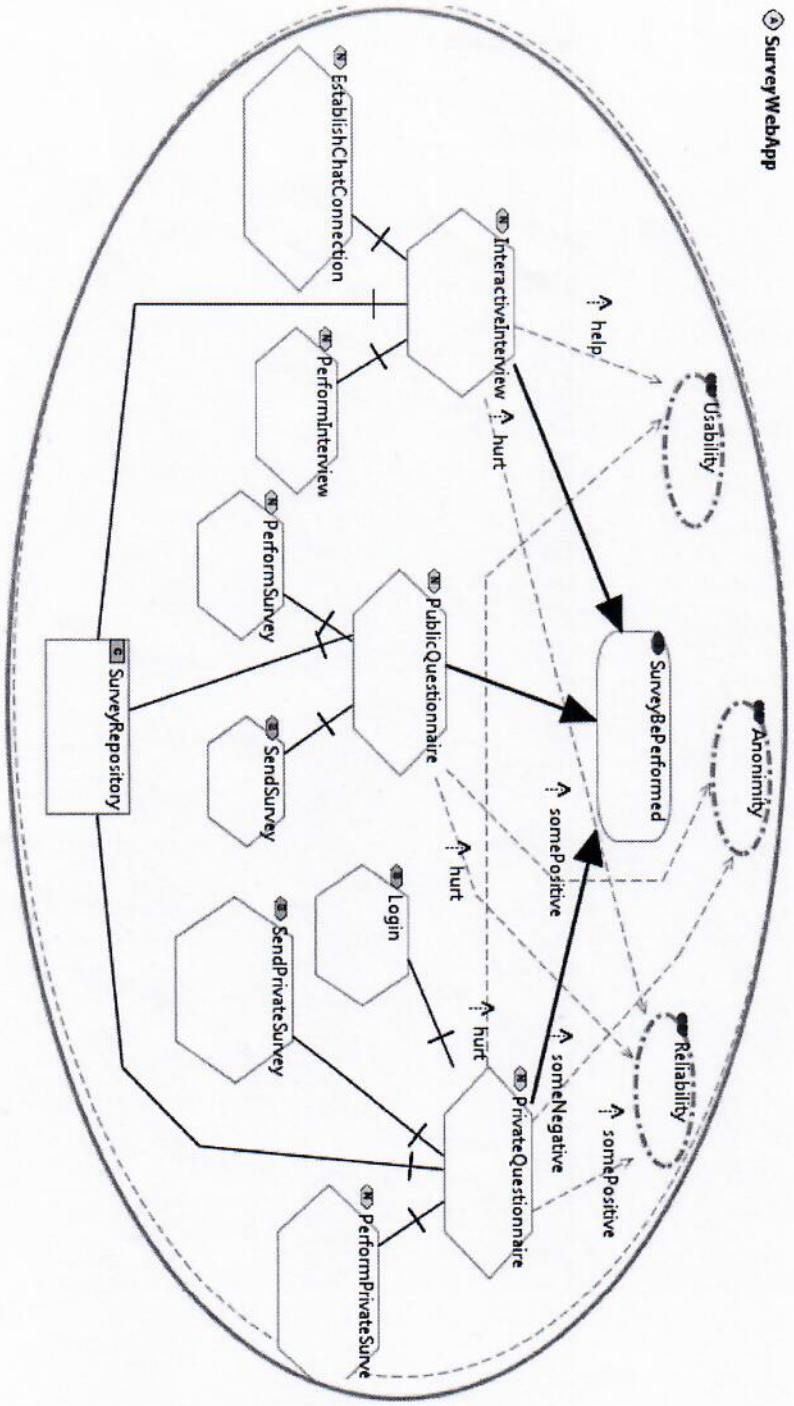
Context
The following problems represent requirement configurations for software systems. They consist of goals to be achieved, tasks that can be implemented to achieve these goals, and softgoals that represent non-functional requirements (for example: speed, security, usability, etc) for the software system. Each task may positively or negatively influence non-functional requirement(s), indicated by a contribution link. Contribution links are labeled, indicating a positive or negative contribution. Possible labels are, from most positive to most negative: make (+4), some+ (+2), help (+1), hurt (-1), some- (-2), break (-4).

Problem
The problem you are asked to solve is to determine which tasks to implement and which not to implement in order to satisfy as good as possible the softgoals. In general, you should always aim to satisfy all softgoal the best as possible.

For each question, you will be asked to best satisfy some specific softgoal(s). Once you have satisfied these as good as possible, you should still try to satisfy other softgoals as good as possible as well, in order to find the best solution(s).

For each question, different solutions may be possible.

Ejercicio 1.
SURVEY



Ejercicio 1.
[Answer each question with one or more sets of tasks to implement, choosing from:
R0= InteractiveInterview
R1= PublicQuestionaire
R2= PrivateQuestionaire.

Possible solutions could be (R0, R1), (R1), (R2, R0), etc.]

Question 1: which tasks do you need to implement to maximize usability?

hh:mm:ss de inicio: 11:49:45

Solución(es): (R0, R1)

hh:mm:ss de finalización: 11:50:21

Question 2: which tasks do you need to implement to maximize usability and reliability at the same time (equal priority)?

hh:mm:ss de inicio: 11:50:57

Solución(es): (R0, R2)

hh:mm:ss de finalización: 11:52:04

Question 3: which tasks do you need to implement to maximize usability (1st priority), and then reliability and anonymity (both 2nd priority)?

hh:mm:ss de inicio: 11:52:22

Solución(es): (R0, R1)

hh:mm:ss de finalización: 11:52:59

Ejercicio 2.
PAYMENT

[The table represents the following tasks:
R0= OfflinePayment
R1= OnlinePayment
R2= CallBackPayment

Each row of the table represents a configuration, where R0, R1, R2 are implemented (indicated by an "I") or not implements (indicated by a "N"). Each row also shows the values for the softgoals in this configuration.

For example, in configuration X2 (row 1), R0 and R1 are implemented, R2 is not implemented. The satisfaction value for Usability is 1, for Responsiveness -2 and for security 0.

]

Config.	R0	R1	R2	Usability	Responsiveness	Security
X2	I	I	N	1	-2	0
X3	I	N	I	-1	-3	1
X4	I	N	N	0	-4	1
X5	N	I	I	0	3	-1
X6	N	I	N	1	2	-1
X7	N	N	I	-1	1	0
X8	N	N	N	0	0	0

Ejercicio 2.

[Answer each question with one or more sets of tasks to implement, choosing from:
R0= OfflinePayment
R1= OnlinePayment
R2= CallBackPayment

Possible solutions could be (R0, R1), (R1), (R0, R2), etc.

For example, configuration X2 (row 1) corresponds with solution (R0, R1)
]

Question 1: which tasks do you need to implement to maximize security?

hh:mm:ss de inicio: ....11:53:49.....

Solución(es): .....(R0, R2).....

hh:mm.ss de finalización: ..11:54:52

Question 2: which tasks do you need to implement to maximize security and responsiveness at the same time (equal priority)?

hh:mm:ss de inicio: ...11:55:20.....

Solución(es): .....(R0:R1).....

hh:mm.ss de finalización: ...11:56:44

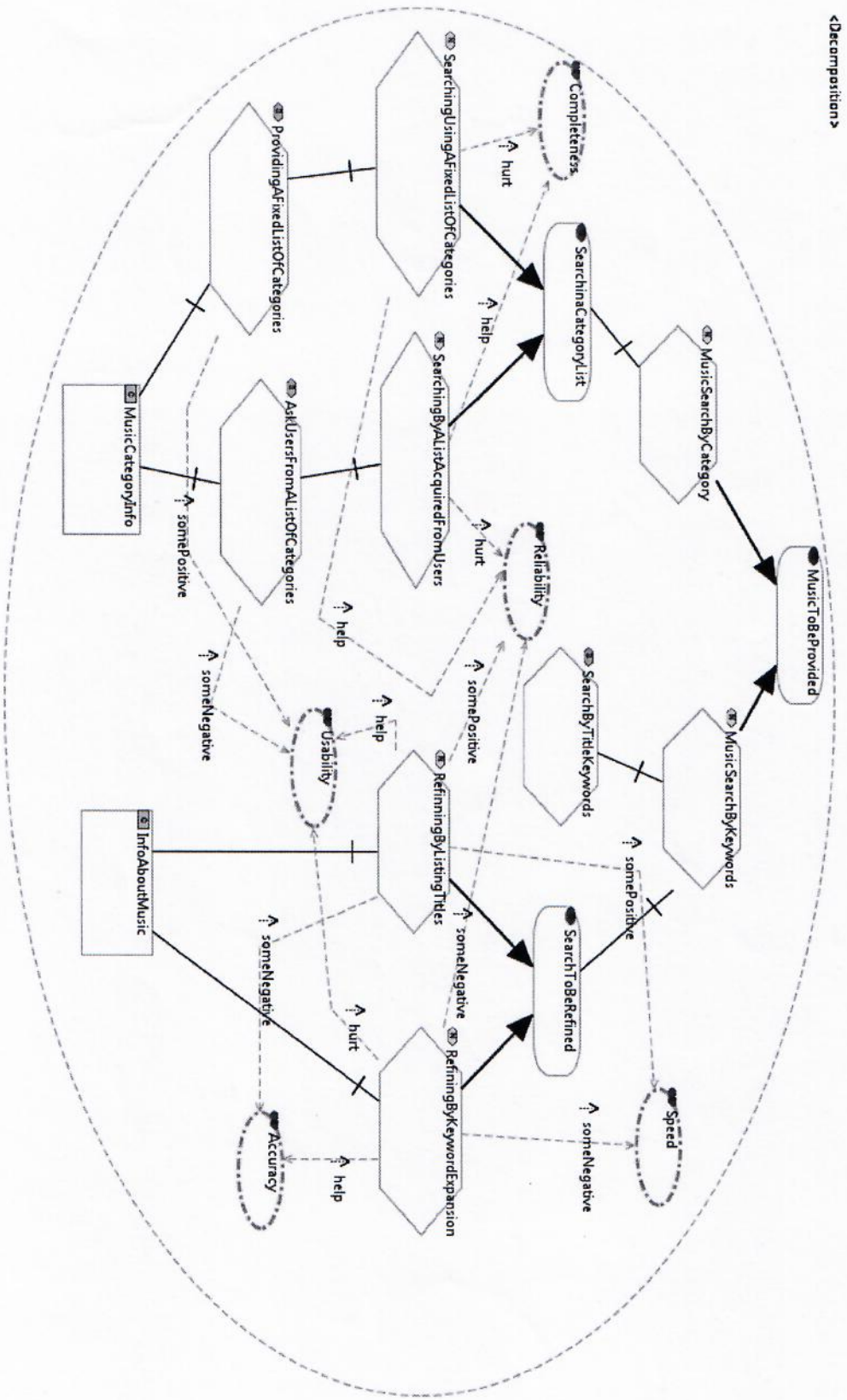
Question 3: which tasks do you need to implement to maximize security (1st priority), and then responsiveness and usability (both 2nd priority)?

hh:mm:ss de inicio: .....11:57:10.

Solución(es): .....(R0:R1).....

hh:mm.ss de finalización: ...11:57:28

Ejercicio 3.
MUSIC PROVIDER



Ejercicio 3.
MUSIC PROVIDER

[Answer each question with one or more sets of tasks to implement, choosing from:
R0= Searching by using a fixed list of categories
R1= Searching by a list of categories acquired from users
R2= Providing a fixed list of categories
R3= Asking users for a lists of categories
R4= Refining by listing titles
R5=Refining by query expansion

Possible solutions could be (R0, R1), (R1,R4,R5), (R3, R0), etc.]

Question 1: which tasks do you have to implement for maximizing reliability?

hh:mm:ss de inicio: 11:58:20

Solución(es): (R0, R4)

hh:mm.ss de finalización: 11:59:04

Question 2: which tasks do you have to implement for maximizing both reliability and accuracy at the same time (equal priority)?

hh:mm:ss de inicio: 12:02:10

Solución(es): (R5 : R4 : R0)

hh:mm.ss de finalización: 12:03:10

Question 3: which tasks do you have to implement for maximizing accuracy (1st priority) and then, having the maximum values for both usability and speed (both 2nd priority)?

hh:mm:ss de inicio: 12:03:26

Solución(es): (R5, R2)

hh:mm.ss de finalización: 12:04:17

Ejercicio 4.
DBLP

[The table represents the following tasks:
R0= BibliographyManagedByPublisher
R1= BibliopgrahpyManagedByEditor
R2= ObtainInfoFromRecords
R3= ObtainInfoFromAuthors
R4= CompleteSearh
R5= PartialSearch

Each row of the table represents a configuration, where R0, R1, R2, R3, R4, R5 are implemented (indicated by an "I") or not implements (indicated by a "N"). Each row also shows the values for the softgoals in this configuration.

For example, in configuration X3 (row 2), R0, R1, R2, R3 and R5 are implemented; R4 is not implemented. For this row (X3), the satisfaction value for Completeness is -2; for Speed is 0; for Accuracy is 0; for Usability is 2 and for Security 0.

]

Config...	R0	R1	R2	R3	R4	R5	Completeness	Speed	Accuracy	Usability	Security
X1	I	I	I	I	I	I	0	-1	2	1	0
X3	I	I	I	I	N	I	-2	0	0	2	0
X5	I	I	I	N	I	I	0	1	2	1	0
X6	I	I	I	N	I	N	2	1	2	-1	0
X8	I	I	I	N	N	N	0	2	0	0	0
X9	I	I	N	I	I	I	0	-3	2	1	0
X10	I	I	N	I	I	N	2	-3	2	-1	0
X13	I	I	N	N	I	I	0	-1	2	1	0
X14	I	I	N	N	I	N	2	-1	2	-1	0
X15	I	I	N	N	N	I	-2	0	0	2	0
X18	I	N	I	I	I	N	2	-1	1	-1	1
X20	I	N	I	I	N	N	0	0	-1	0	1
X21	I	N	I	N	I	I	0	1	1	1	1
X22	I	N	I	N	I	N	2	1	1	-1	1
X24	I	N	I	N	N	N	0	2	-1	0	1
X25	I	N	N	I	I	I	0	-3	1	1	1
X28	I	N	N	I	N	N	0	-2	-1	0	1
X29	I	N	N	N	I	I	0	-1	1	1	1
X30	I	N	N	N	I	N	2	-1	1	-1	1
X32	I	N	N	N	N	N	0	0	-1	0	1
X34	N	I	I	I	I	N	2	-1	3	-1	-1
X35	N	I	I	I	N	I	-2	0	1	2	-1
X37	N	I	I	N	I	I	0	1	3	1	-1
X38	N	I	I	N	I	N	2	1	3	-1	-1
X40	N	I	I	N	N	N	0	2	1	0	-1
X41	N	I	N	I	I	I	0	-3	3	1	-1
X44	N	I	N	I	N	N	0	-2	1	0	-1
X45	N	I	N	N	I	I	0	-1	3	1	-1
X48	N	I	N	N	N	N	0	0	1	0	-1
X49	N	N	I	I	I	I	0	-1	2	1	0
X51	N	N	I	I	N	I	-2	0	0	2	0
X53	N	N	I	N	I	I	0	1	2	1	0
X54	N	N	I	N	I	N	2	1	2	-1	0
X57	N	N	N	I	I	I	0	-3	2	1	0
X62	N	N	N	N	I	N	2	-1	2	-1	0

Ejercicio 4.
DBLP

[Answer each question with one or more sets of tasks to implement, choosing from:
R0= BibliographyManagedByPublisher
R1= BibliopgrahpyManagedByEditor
R2= ObtainInfoFromRecords
R3= ObtainInfoFromAuthors
R4= CompleteSearh
R5= PartialSearch

Possible solutions could be (R0, R5), (R1, R2, R4, R5), (R1, R2), etc.

For example, configuration X3 (row 2) corresponds with (R0, R1, R2, R3, R5)]

Question 1: which tasks you have to implement for maximizing accuracy?

hh:mm:ss de inicio: ...12:05:09.....

Solución(es): ~~12:05:09~~ (R1, R2, R4, R5)

hh:mm.ss de finalización: ..12:08:09.

Question 2: which tasks you have to implement for maximizing both accuracy and speed at the same time (equal priority)?

hh:mm:ss de inicio: ...12:08:20.....

Solución(es): ~~(R0, R1, R4, R5)~~ (R0, R2, R4)

hh:mm.ss de finalización: ..12:10:53.

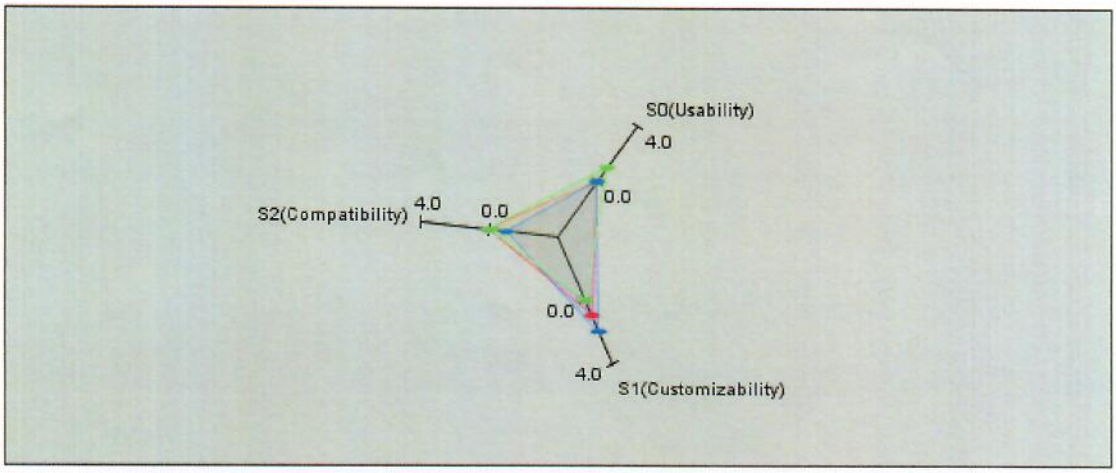
Question 3: which tasks you have to implement for maximizing security (1st priority) and then, having the maximum values for both accuracy and speed (both 2nd priority)?

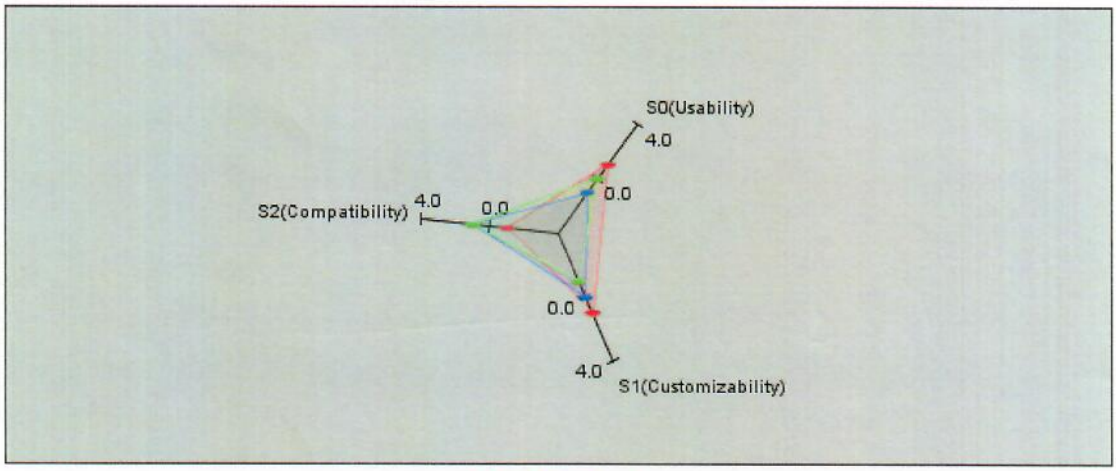
hh:mm:ss de inicio: ...17:11:40.....

Solución(es): .....(R0 R2 R4).....

hh:mm.ss de finalización: ..12:12:37

Ejercicio 5.
REPORT PROVIDER





Ejercicio 5.
[Answer each question with one or more configurations (sets of tasks) to implement, choosing from:
X1, X2, X3, X4, X5, X6]

Question 1: which configuration do you need to implement to maximize compatibility?

hh:mm:ss de inicio: 12:13:26

Solución(es): X6

hh:mm:ss de finalización: 12:14:22

Question 2: which configuration do you need to implement to maximize compatibility and customizability at the same time (equal priority)?

hh:mm:ss de inicio: 12:14:48

Solución(es): X5

hh:mm:ss de finalización: 12:15:05

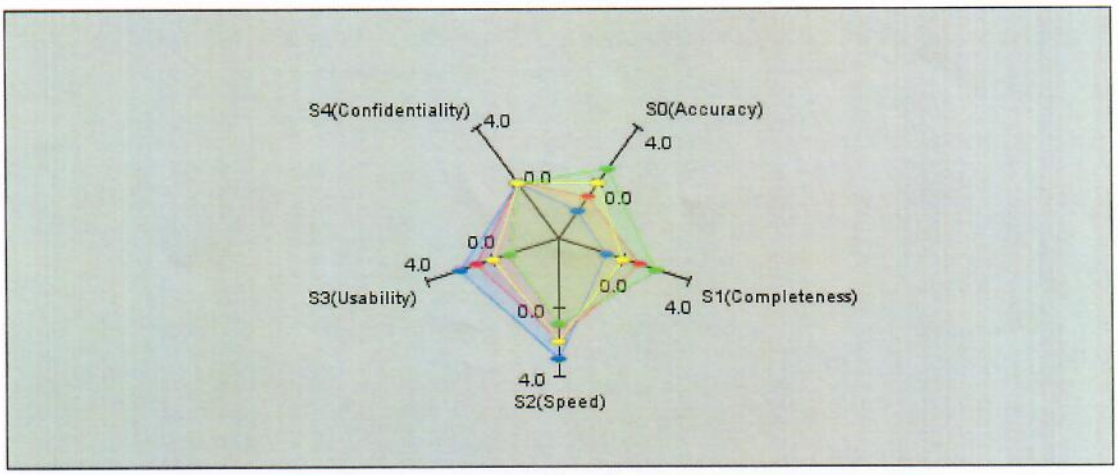
Question 3: which configuration do you need to implement to maximize compatibility (1st priority) and then customizability and usability (both 2nd priority)?

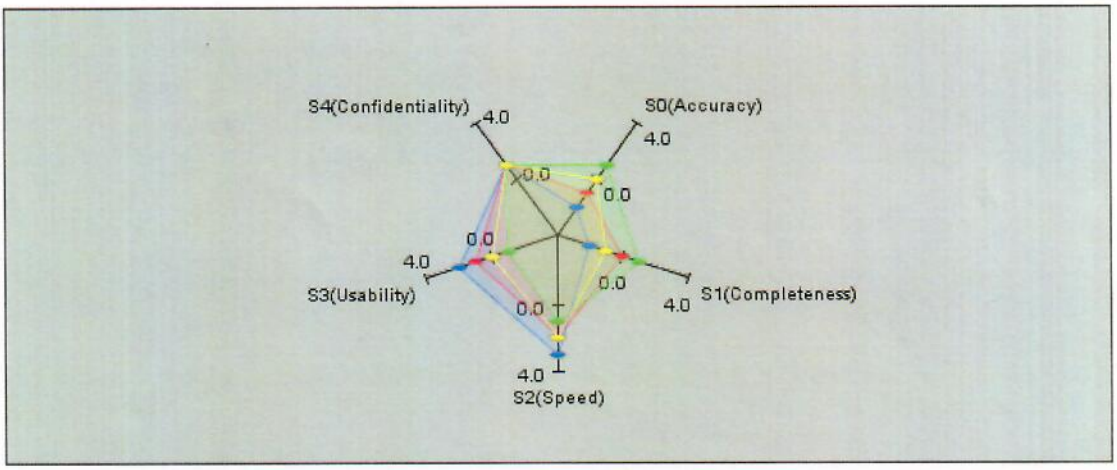
hh:mm:ss de inicio: 12:15:25

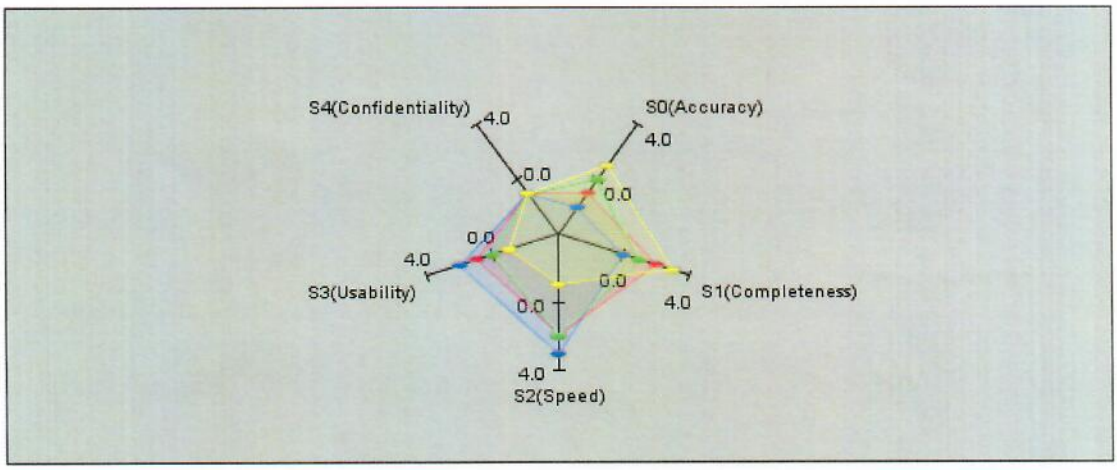
Solución(es): X6

hh:mm:ss de finalización: 12:16:32

Ejercicio 6.
ONLINE BOOK STORE







Ejercicio 6.
[Answer each question with one or more configurations (sets of tasks) to implement, choosing from:
X2, X4, X6, X8, X18, X20, X22, X24, X34, X36, X40, X46]

Question 1: Which configuration you have to implement for maximizing completeness?

hh:mm:ss de inicio: ...12:16:50.....

Solución(es): .....X46.....

hh:mm.ss de finalización: 12:17:05

Question 2: Which configuration you have to implement for maximizing both completeness and speed at the same time (equal priority)?

hh:mm:ss de inicio: 12:17:20

Solución(es): .....X2.....

hh:mm.ss de finalización: 12:18:18

Question 3: Which configuration you have to implement for maximizing usability (1st priority) and then, having the maximum values for both completeness and speed (both 2nd priority)?

hh:mm:ss de inicio: 12:18:30

Solución(es): .....X36.....

hh:mm.ss de finalización: 12:18:57