



UMM AL-QURA UNIVERSITY
COMPUTER & INFO.SYSTEM COLLEGE
COMPUTER SCIENCE DEPARTMENT
ARTIFICIAL INTELLIGENCE COURSE

- ARTIFICIAL INTELLIGENCE PROJECT

LABTOP GUIDE

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WHAT IS OUR IDEA?

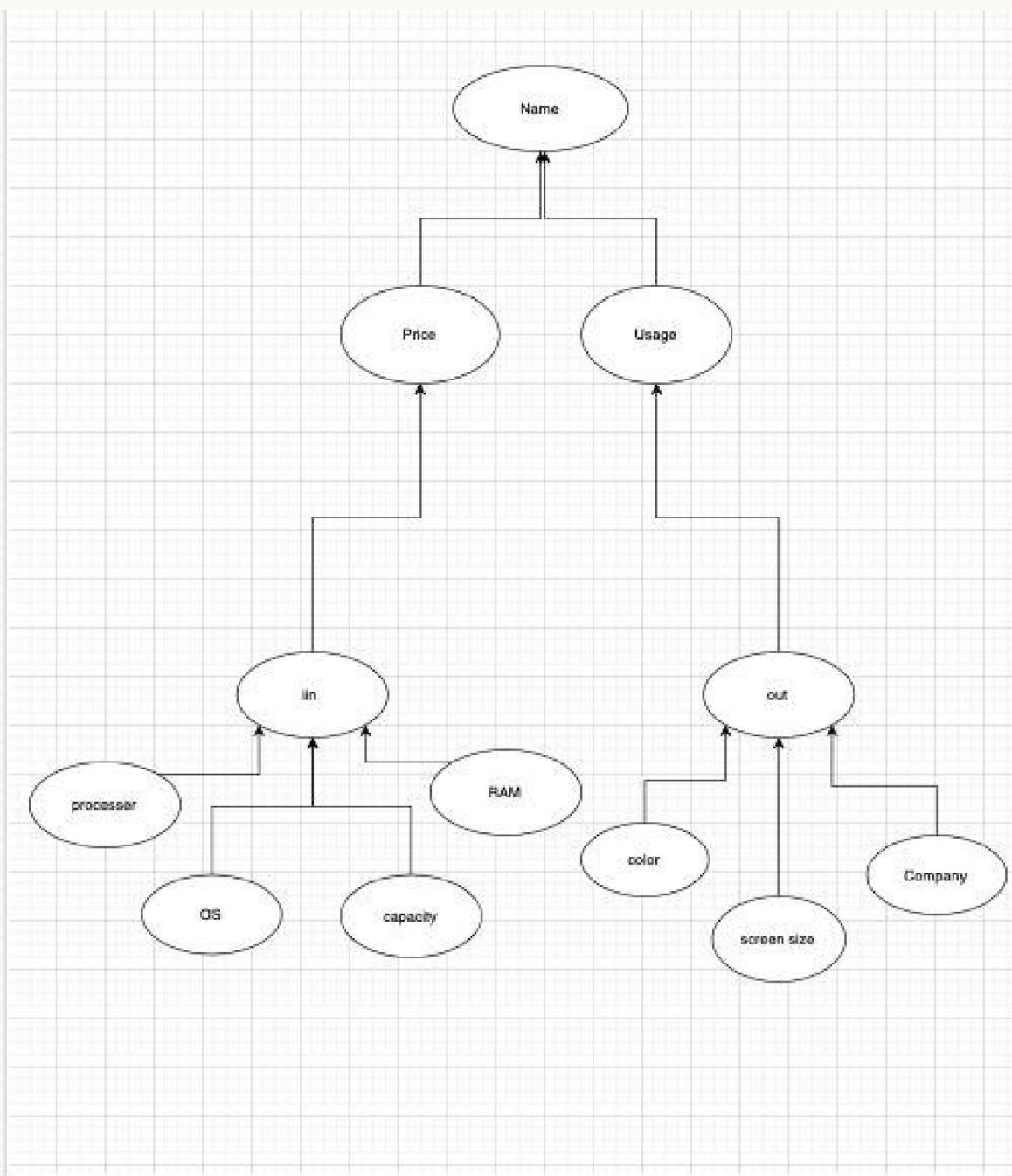
- With the growing demand for laptops, many individuals are unsure of which laptop is ideal for them and frequently wonder, "What is the greatest laptop?".

We specifically mention college students here because they frequently ask this question at the start of each semester.

Our goal is to assist everyone who requires guidance in choosing the best laptop to meet their needs and requirements.

- The source of our data knowledge is the experts, Jarir experts and systems similar to ours.

GRAPH



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Price (1300-3000)
Price (4000-7000)
Usage(surfing)
Usage(gaming)
Usage(design)
Usage(programming)
OS(windows)
OS(mac)
RAM(4GB)
RAM(8GB)
RAM(16GB)
Processor(i3)
Processor(i5)
Processor(i7)
Capacity(128GB)
Capacity(256GB)
Capacity(512GB)
Capacity(1TB)
ScreenSize(13-14)
ScreenSize(15-16)
Color(dark)
Color(light)
laptop(Lenovildeapad3)
laptop(Lenovildeapad5)
laptop(HPOmen)
laptop(AcerNitro5)
laptop(AcerSwift3)
laptop(MacAir13)
laptop(MacPro13)
laptop(Asusx515)
laptop(AsusVivobooks14)

laptop('lenovoideapad3',L,O,P,C,S,CL,Cap,Pro,R):- L = surfing , P= (1300-3000), O=windows, C= lenovo, S= 14, CL=dark, Cap=256, Pro=i7, R=4 ,!.

laptop('lenovoideapad5',L,O,P,C,S,CL,Cap,Pro,R):- L = programming , P= (1300-3000), O=windows, C= lenovo, S= 15, CL=dark, Cap=128, Pro=i7, R=8 ,!.

laptop('hpomen',L,O,P,C,S,CL,Cap,Pro,R):- L = gaming , P= (4000-7000), O=windows, C= hp, S= 16, CL=dark, Cap=1, Pro=i7, R=16 ,!.

laptop('acernitro5',L,O,P,C,S,CL,Cap,Pro,R):- L = design, P = (4000-7000), O = windows, C = acer, S = 15, CL = dark, Cap = 1, Pro = i7, R = 16, !.

laptop('acerswift3',L,O,P,C,S,CL,Cap,Pro,R):- L = surfing, P = (1300-3000), O = windows, C = acer, S = 14, CL = light, Cap = 512, Pro = i5, R = 8, !.

laptop('asusx515',L,O,P,C,S,CL,Cap,Pro,R):- L = surfing , P= (1300-3000), O=windows, C= asus, S= 15, CL=light, Cap=256, Pro=i3, R=4 ,!.

laptop('asusvivobooks14',L,O,P,C,S,CL,Cap,Pro,R):- L = design , P= (1300-3000), O=windows, C= asus, S= 14, CL=dark, Cap=512, Pro=i5, R=8 ,!.

laptop('macair13',L,O,P,C,S,CL,Cap,Pro,R):- L = programming , P= (4000-7000), O=mac, C= apple, S= 13, CL=light, Cap=256, Pro=m1, R=8 ,!.

laptop('macpro13',L,O,P,C,S,CL,Cap,Pro,R):- L = programming , P= (4000-7000), O=mac, C= apple, S= 13, CL=dark, Cap=512, Pro=m2, R=8 ,!.

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QUESTIONS

-Is the price of the laptop suitable for you between 1300-3000?
-Is the price of the laptop suitable for you between 4000-7000?

-Do you want a Windows operating system?
-Do you want a Mac operating system?

-Do you use the laptop in the field of programing?
-Do you use the laptop in the field of design?
-Do you use your laptop for gaming?
-Do you use the laptop for simple tasks such as browsing and writing research?

-Do you prefer dark colors?
-Do you prefer light colors?

-Do you want a laptop screen size between 13-14 inches?
-Do you want a laptop screen size between 15-16 inches?

-Do you need 128 GB capacity?
-Do you need 256 GB capacity?
-Do you need 512 GB capacity?
-Do you need 1T capacity?

-Do you need i5 processor?
-Do you need i7 processor?
-Do you need m1 processor?
-Do you need m2 processor?

QUESTIONS

- Do you prefer Apple ?
 - Do you prefer Lenovo ?
 - Do you prefer HP ?
 - Do you prefer Acer ?
 - Do you prefer Asus ?
-
- Do you need a RAM with 4 GB ?
 - Do you need a RAM with 8 GB ?
 - Do you need a RAM with 16 GB ?

RESULT: ASUS VIVO BOOK S14

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
design

How much your budget (1300-3000 or 4000-7000) ?
1300-3000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Asus or Apple):
Asus

What screen size do you prefer? (13 or 14 or 15 or 16)
14

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
512

What processor do you prefer? (celeron or i3 or i5 or i7 or m1 or m2)
i5

How much RAM do you need? (4GB or 8GB or 16GB)
8

THE BEST LAPTOP FOR IS:
A = asusvivobooks14

RESULT: ACER NITRO 5

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤️

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
design

How much your budget (1300-3000 or 4000-7000) ?
4000-7000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Apple?:
Acer

What screen size do you prefer? (13 or 14 or 15 or 16)
15

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
1

What processor do you prefer? (celeron or i5 or i7 or m1 or m2)
i7

How much RAM do you need? (4GB or 8GB or 16GB)
16

THE BEST LAPTOP FOR IS:
A = acernitro5

RESULT: HP OMEN

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
gaming

How much your budget (1300-3000 or 4000-7000) ?
4000-7000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Apple):
HP

What screen size do you prefer? (13 or 14 or 15 or 16)
16

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
1

What processor do you prefer? (celeron or i5 or i7 or m1 or m2)
i7

How much RAM do you need? (4GB or 8GB or 16GB)
16

THE BEST LAPTOP FOR IS:
A = hpomen

RESULT: LENOVO IDEA PAD 3

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
surfing

How much your budget (1300-3000 or 4000-7000) ?
1300-3000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Apple):
Lenovo

What screen size do you prefer? (13 or 14 or 15 or 16)
14

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
256

What processor do you prefer? (celeron or i5 or i7 or m1 or m2)
i7

How much RAM do you need? (4GB or 8GB or 16GB)
4

THE BEST LAPTOP FOR IS:
A = lenovoideapad3

RESULT: MAC PRO 13

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
programming

How much your budget (1300-3000 or 4000-7000) ?
4000-7000

Which operating system do you want? (Windows or Mac)
Mac

What is company do you prefer? (Lenovo or HP or Acer or Asus or Apple):
Apple

What screen size do you prefer? (13 or 14 or 15 or 16)
13

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
512

What processor do you prefer? (celeron or i3 or i5 or i7 or m1 or m2)
m2

How much RAM do you need? (4GB or 8GB or 16GB)
8

THE BEST LAPTOP FOR IS:
A = macpro13

RESULT: MAC AIR 13

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
programming

How much your budget (1300-3000 or 4000-7000) ?
4000-7000

Which operating system do you want? (Windows or Mac)
Mac

What is company do you prefer? (Lenovo or HP or Acer or Asus or Apple):
Apple

What screen size do you prefer? (13 or 14 or 15 or 16)
13

Do you like dark or light color? (Dark or Light)
Light

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
256

What processor do you prefer? (celeron or i3 or i5 or i7 or m1 or m2)
m1

How much RAM do you need? (4GB or 8GB or 16GB)
8

THE BEST LAPTOP FOR IS:
A = macair13

RESULT: LENOVO IDEA PAD 5

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
programming

How much your budget (1300-3000 or 4000-7000) ?
1300-3000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Apple):
Lenovo

What screen size do you prefer? (13 or 14 or 15 or 16)
15

Do you like dark or light color? (Dark or Light)
Dark

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
128

What processor do you prefer? (celeron or i5 or i7 or m1 or m2)
i7

How much RAM do you need? (4GB or 8GB or 16GB)
8

THE BEST LAPTOP FOR IS:
A = lenovoideapad5



RESULT: ASUS X515

welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).

WELCOME ❤️
ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?
A

How old are you?
20

What is your favorite color?
black

What do you work?
studene

What type of laptop do you have now?
mac

What is your use of the laptop?
surfing

How much your budget (1300-3000 or 4000-7000) ?
1300-3000

Which operating system do you want? (Windows or Mac)
Windows

What is company do you prefer? (Lenovo or HP or Acer or Asus or Apple):
Asus

What screen size do you prefer? (13 or 14 or 15 or 16)
15

Do you like dark or light color? (Dark or Light)
Light

How much do you want the capacity to be? (128 or 256 or 512 or 1T)
256

What processor do you prefer? (celeron or i3 or i5 or i7 or m1 or m2)
i3

How much RAM do you need? (4GB or 8GB or 16GB)
4

THE BEST LAPTOP FOR IS:
A = asusx515

RESULT: ACER SWIFT3



welcoming userinfo(Name, Old, Color, Work, Lab), suggest(A).



WELCOME ❤

ANSWER THE QUESTIONS TO GET THE BEST LAPTOP FOR YOU ...

What is your name?

A

How old are you?

20

What is your favorite color?

black

What do you work?

studene

What type of laptop do you have now?

mac



suggest(A).



What is your use of the laptop?

surfing

How much your budget (1300-3000 or 4000-7000) ?

1300-3000

Which operating system do you want? (Windows or Mac)

Windows

What is company do you prefer? (Lenovo or HP or Acer or Apple):

Acer

What screen size do you prefer? (13 or 14 or 15 or 16)

14

Do you like dark or light color? (Dark or Light)

Light

How much do you want the capacity to be? (128 or 256 or 512 or 1T)

512

What processor do you prefer? (celeron or i5 or i7 or m1 or m2)

i5

How much RAM do you need? (4GB or 8GB or 16GB)

8

THE BEST LAPTOP FOR IS:

A = acerswift3

TASK TABLE

<i>Task</i>	<i>Shamael Albogami</i>	<i>Rana Alhazmi</i>	<i>Revan Alqahmi</i>	<i>Raghad AbuHanouda</i>	<i>Amjad Alzahrani</i>
<i>Graph</i>	•	•	•	•	•
<i>Facts</i>		•	•	•	
<i>Rules</i>	•	•	•	•	•
<i>Questions</i>		•	•		
<i>Prolog</i>	•	•	•	•	•