



TKGDND GV: Ta Thu Thủy 2/21/2022

CHUONG 1; CACNGUYÊNLY THET KÉ GAODEN

TKGDND 2/21/2022

1.1 TÔNG QUAN

 Định nghĩa: Giao diện người dùng là nơi mà con người và máy móc cùng làm việc với nhau, là những gì chúng ta nhìn thấy trên màn hình và tương tác với máy tính thông qua những câu lệnh được mã hóa. Gồm: Bố cục, màu sắc, kiểu chữ, đồ họa,...







NOI DUNG

- 1.1 Tổng quan
- 1.2 Usability
- 1.3 Learnability
- 1.4 Efficiency
- 1.5 Safety

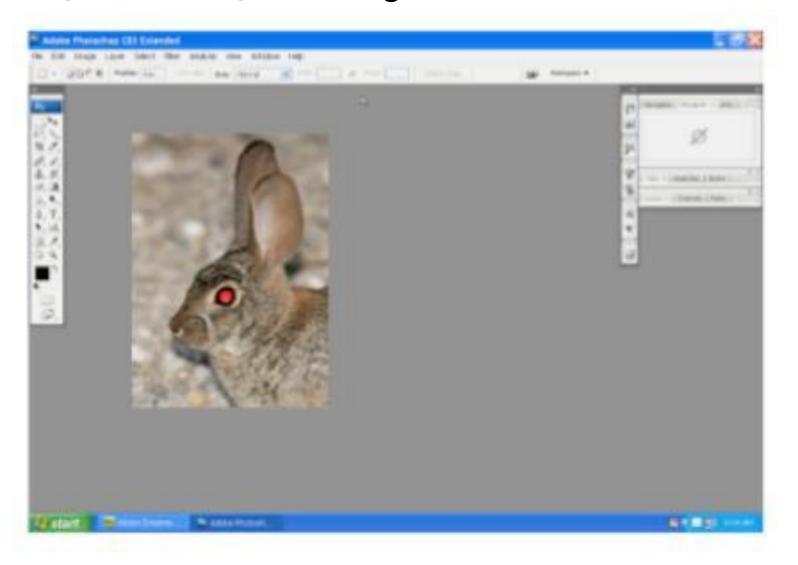
1.2 USABILITY

Usability = Learnability + Efficiency + Safety

1.2 USABILITY

- Learnability: Có dễ **hiếu** cách sử dụng hay không?
- Efficiency: Dùng có **nhanh** hay không?
- Safety: Có dễ mắc **lỗi** hay không? Có dễ phục hồi lỗi hay không?

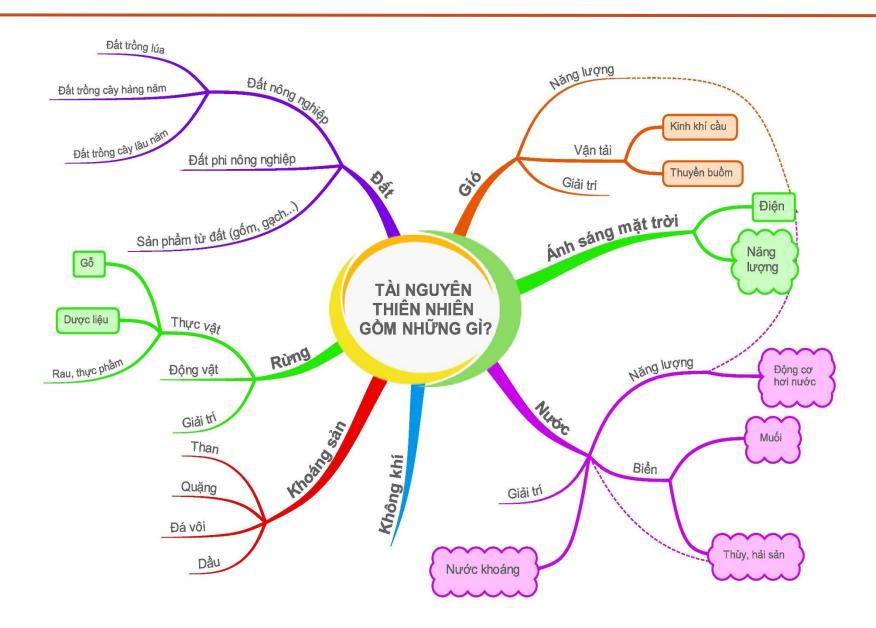
Cách "Học" một "Giao diện": Doing



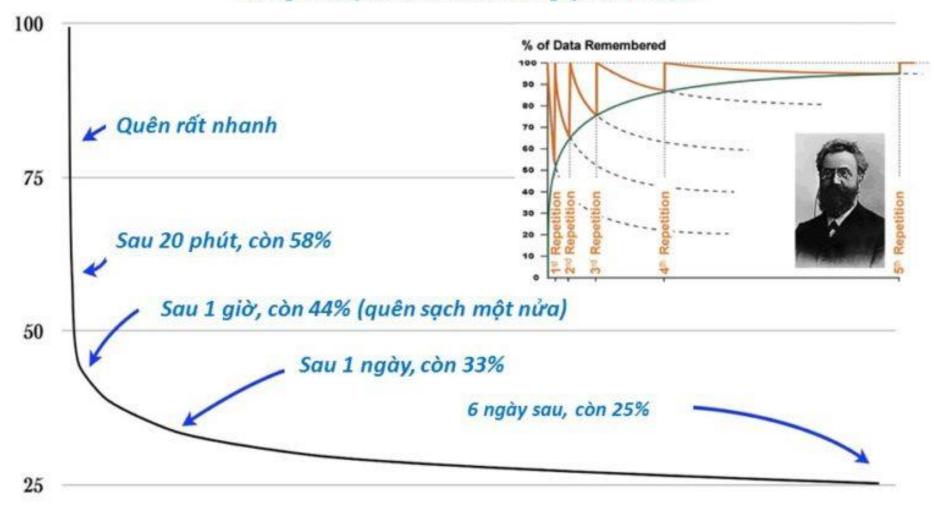
Cách "Học" một "Giao diện": Watching







Chúng ta sẽ quên đi như thê nào ngay sau khi học?



■Dễ học?





Cách tương tác #1: Command Language

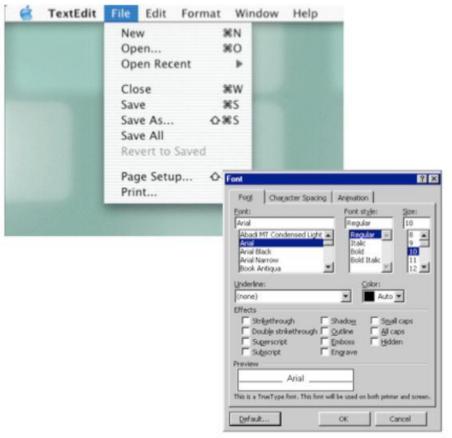
```
ls -1 *.java
Unix shell
```

+6.831 site:mit.edu search engine query

http://www.mit.edu/admissions/ URL

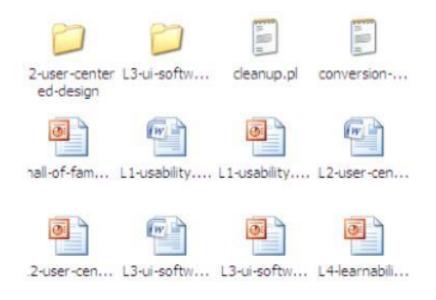
Cách tương tác #2: Menu & Form



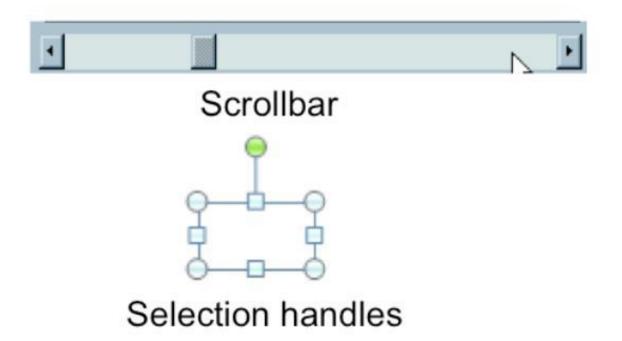


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Cách tương tác #3: Direct Manipulation



Files & folders on desktop



Cách tương tác #4: Speech Dialog

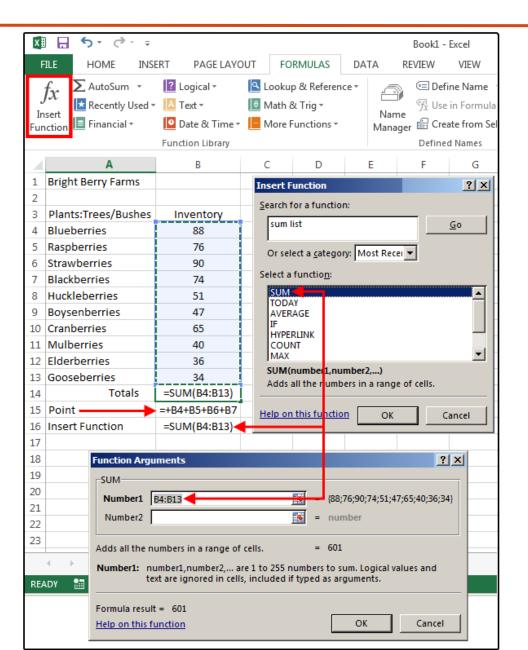


2/21/2022

Cách tương tác #5: Tổng hợp



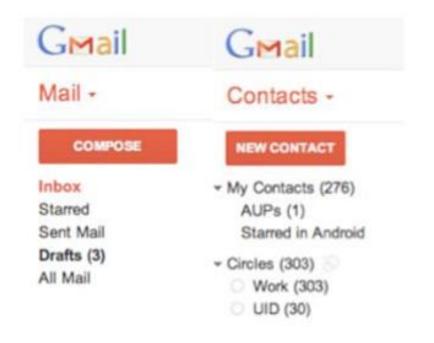
Cách tương tác #5:Tổng hợp

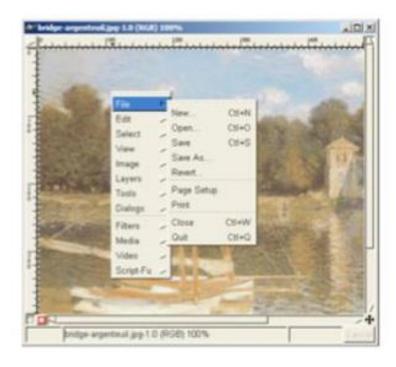


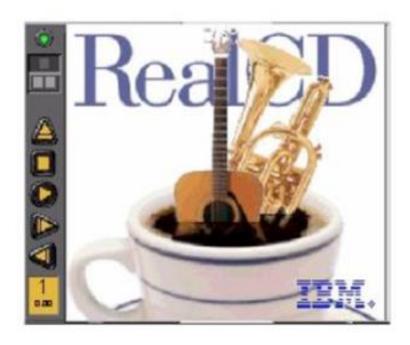
 So sánh các cách tương tác trên các khía cạnh sau: Learnability

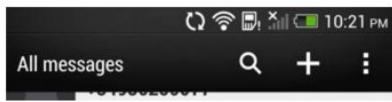
Error message User Type

- Tính nhất quán: Cho phép User dễ liên hệ đến cách sử dụng của chức năng họ đã biết:
 - Chức năng có mục đích giống nhau thì thiết kế
 - tương tự nhau.
 - Chức năng có mục đích khác nhau thì thiết kế khác nhau.

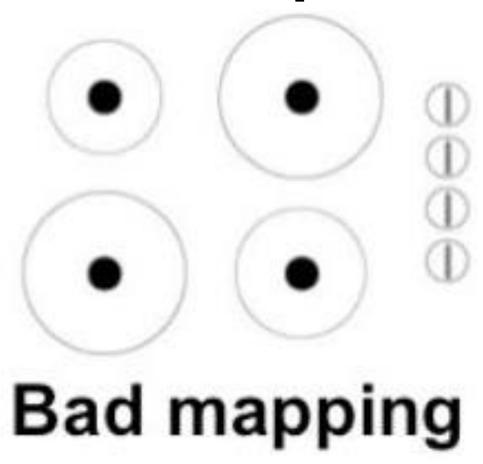


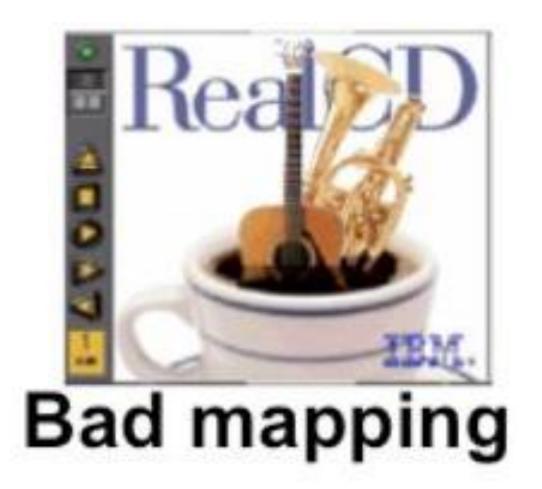


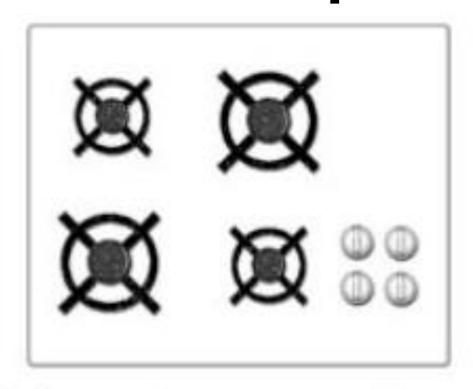












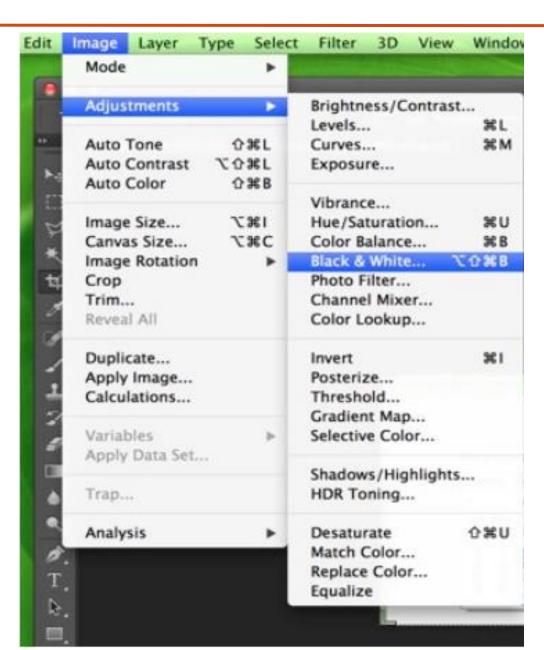
Direct mapping



Natural mapping



Thuận theo tự nhiên:



Tính nhất quán: Trong sử dụng văn bản

Course VI Underground Guide Evaluations

Home Search Teacher

Published UG reviews

Browse or Search through past published evaluations

Browse published evaluations

or visit our search page

Fall 2007 evaluations will be available 2008-02-28

Underground Guide Review

Lecturer's Comments

Please enter your lecturer's comments below. These con want to answer any or all of the following questions.

Preview/Review:

Preview your class's evaluation HERE

Read Student Evaluations - Read what students said about the class.

Read Underground Guide Review - Read the Underground Guide review for

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Tính nhất quán: Trong sử dụng văn bản



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Sự quen thuộc:

Buttons & links



Drop-down arrows





Texture





Sự quen thuộc:

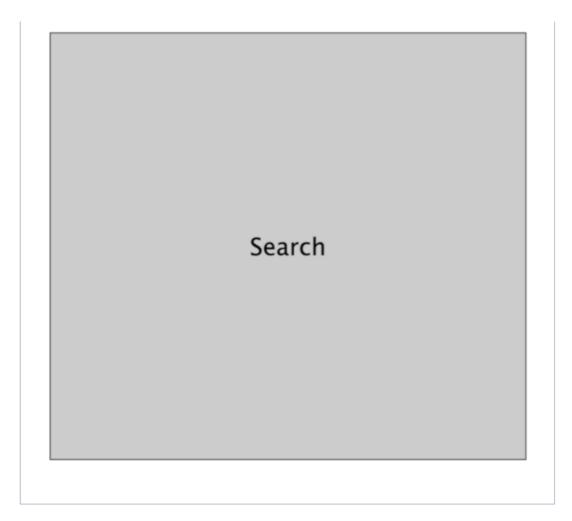
Mouse cursor



Highlight on mouseover



Thấy gì sai?



Nhận xét?

Complete Daily Schedules

Please note: The CPW 2011 schedule is subject to change; it will be updated frequently as new events are added and information evolves.

Search Events: With over 700 events to choose from, we thought you could use some help sifting through these events. Coming soon will be an events search feature to help you plan your weekend and explore the possibilities.

Below is a list of the CPW Featured Events. For a complete list of events per day, please click on the Complete Daily Schedules links below.



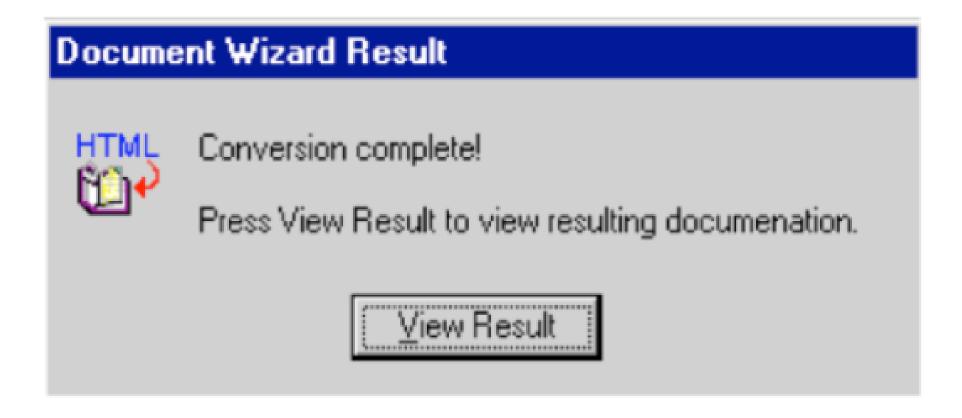
CLICK THE DATE BELOW TO VIEW COMPLETE DAILY SCHEDULES:

Thursday, April 7 Friday, April 8 Saturday, April 9 Sunday, April 10

-Sự phản hồi: Cần có phản hồi khi User tương tác trên UI



Nhận xét?



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•Nội dung dễ hiểu: Đặt là "Localization" thay cho "Date, Time, Language..."?



Nội dung dễ hiểu:

- To learn more about this site, click here
- Learn more about this site <u>here</u>
- Learn more about this site
- Link to this site's about page.

Learn more about this site

About

Nội dung dễ hiểu:

Audio and TV Books Computing Fashion Furniture Gardening

Audio and TV: Camcorders, DVD and Video, Hi-Fi...

Books: Bestsellers, Factual, Education...

Computing: Computers, Cames, Printers

Fashion: Mens, Womens, Kids...

Furniture: Bathrooms, Bedrooms, Kitchen...

Gardening: Seeds, Plants, Pots

Nội dung dễ hiểu: Cần lưu ý!

RENT MONKEY

Home | Search Listings | Manage Listings and Profiles | Residence History | Browse Residences

Search listings, by MIT students, for MIT students

Many of these listings are unofficial, but they can help guide you towards places with upcoming vacancies. Other listings may be posted by the MIT Off-campus Housing Office.

Advertise an off-campus vacancy or sublet

Want to announce a vacancy or a summer sublet? Manage the listings and residence profiles you've edited on this site. For on-campus lottery and sublets, please visit the graduate housing website.

See what others have said about a residence

Check if other MIT students have written about a particular residence. Look at the rent history of a residence to see how much you should be paying.

Browse where other students are living

Look at where other MIT students are living to guide where you may want to live.

Website Feedback

Disclaimer

MIT Rental Guide

GeoSapia Search

Ask MIT Housing

About

More resources:

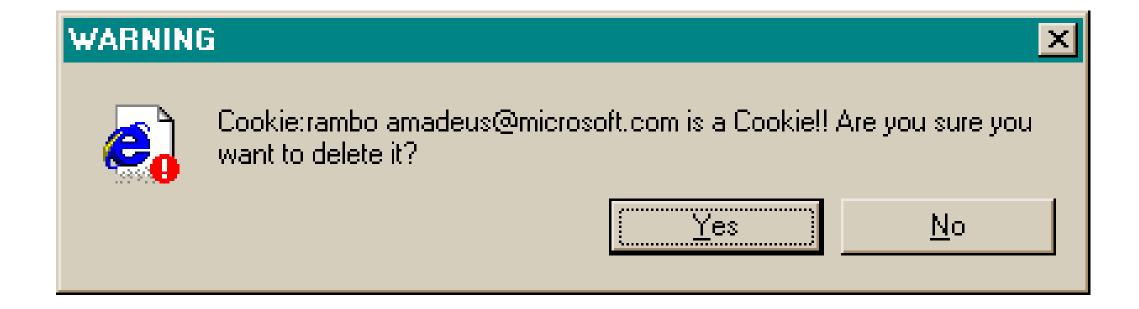
GSC HCA | MIT Housing

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NOI DUNG

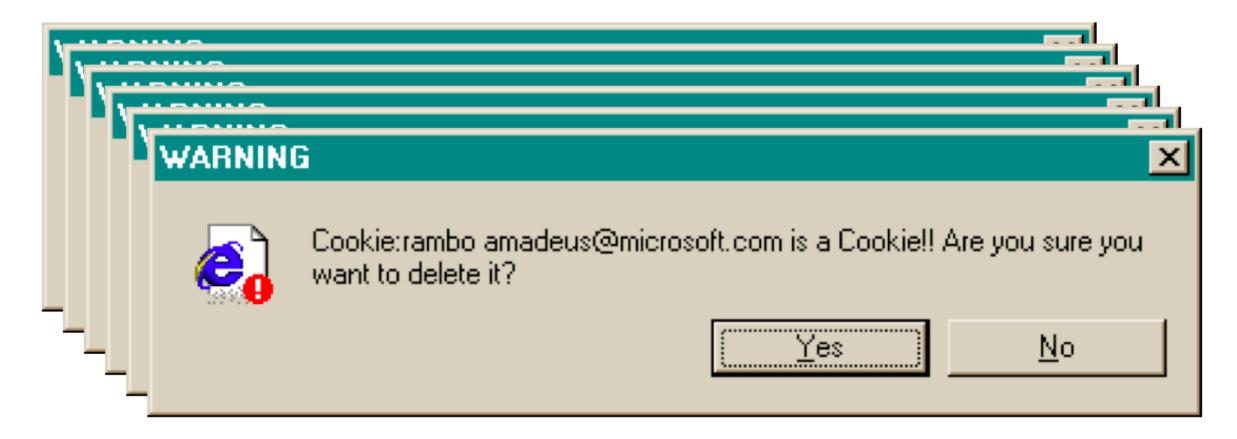
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Cảnh báo



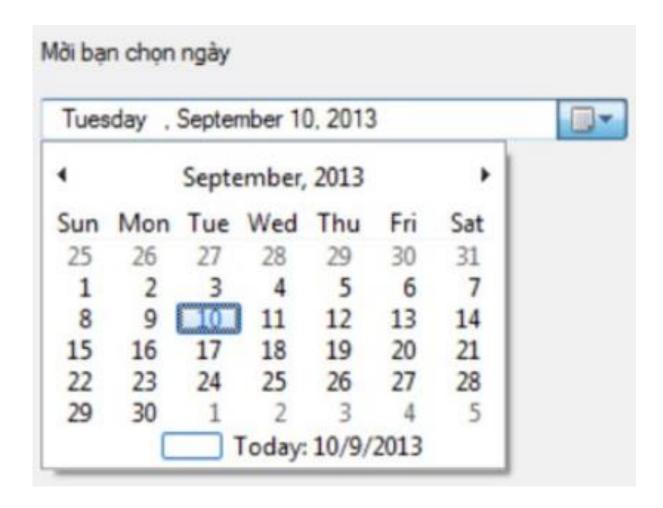
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Cảnh báo n cái



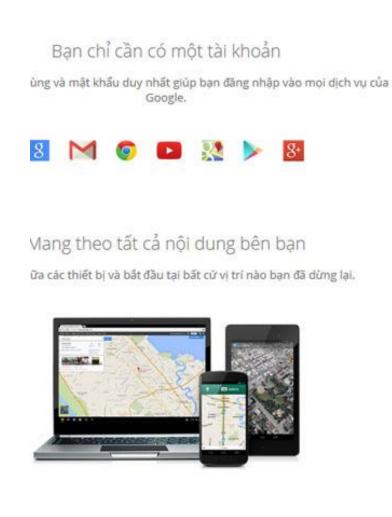
2022 44

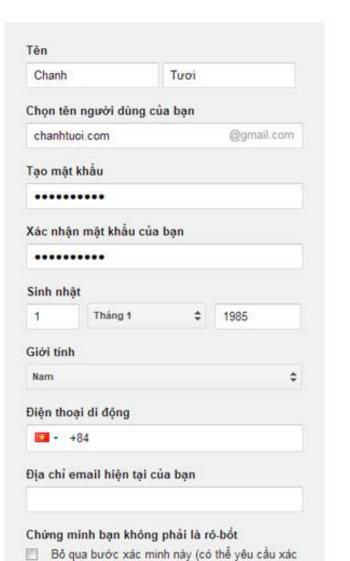
Hiệu quả



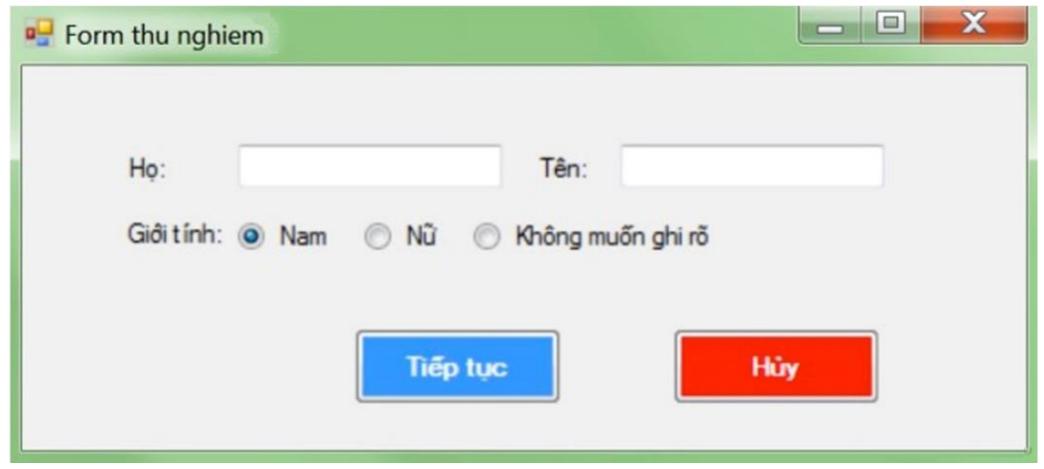
Hiệu quả?

Tạo tài khoản Google của bạn





Hiệu quả?



Các cách tăng hiệu quả khác?



Cảm ơn các bạn đã chú ý lắng nghe!