



# Final Presentation

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# Responsibilities

Hilma	$a + b$	Add new user and modify user data
Pearl	$c + f$	Delete user and website
Katelyn	$d + e$	Add new website and modify website data
Group	$g + h$	Automatically update and show all websites' size whenever a change is Made and automatically show users that are not assigned to any website

The image is a screenshot of a web application titled "Website Management Interface". It features a top navigation bar with a logo on the left and window control buttons (minimize, maximize, close) on the right. The main content area is divided into two vertical panels. The left panel, titled "Users", contains a list of users, a "Delete User" button, a "Modify User" section with input fields for name, email, and data allowance, and a "Create New User" section with similar input fields and a "Create User" button. The right panel, titled "Websites", contains a list of websites, a "Delete Website" button, a "Manage Selected Website" section with a "Users on selected website" list and an "Extra Data" input, and a "Create New Website" section with a "Website Name" input and a "Create Website" button. The interface is clean and functional, using a light gray color scheme.

## a) Add a new user

Hilma

Create New User:

User Name:

Email:

Data Allowance:  GB

Create User

Create New User:

User Name:

Email:

Data Allowance:  GB

Create User

Create New User:

User Name:

Email:

Data Allowance:  GB

Create User

## b) Modify User data

Hilma

Select a user from the list:

batman [55.0, batman01@dc.com]  
superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]  
\* thanos [999.0, irulethe@universe.com]

\*Users not assigned to a website

Delete User

Modify User:

User name:

Email:

Data Allowance:

GB

Update User

Modify User:

User name:

batman

Email:

Data Allowance:

55.0

GB

Update User

Modify User:

User name:

batman

Email:

batman01@dc.com

Data Allowance:

0.0

GB

Update User

Select a user from the list:

batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]  
\* thanos [999.0, irulethe@universe.com]

\*Users not assigned to a website

Delete User

Modify User:

User name:

batman

Email:

batman01@dc.com

Data Allowance:

55.0

GB

Update User

Select a user from the list:

batman [55.0, batman01@dc.com]  
superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]  
\* thanos [999.0, irulethe@universe.com]

\*Users not assigned to a website

Delete User

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# Netbeans demonstration

## c) Delete user

Pearl

### Users

Select a user from the list:

batman01 [50.0, batman01@dc.com]

superman [25.0, superman@dc.com]

\* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Delete User

### Websites

Select a website from the list:

Marvel [0 users , 0.0GB]

Superheroes [0 users , 0.0GB]

DC [2 users , 75.0GB]

Delete Website

### Users

Select a user from the list:

superman [25.0, superman@dc.com]

\* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Delete User

### Websites

Select a website from the list:

Marvel [0 users , 0.0GB]

Superheroes [0 users , 0.0GB]

DC [1 users , 25.0GB]

Delete Website

Batman01 is deleted from User List and from DC website

## f) Delete website

Pearl

Admin User Name  
Log Out

Users

Select a user from the list:

batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Delete User

Modify User:

User name:

Email:

Data Allowance:  GB

Update User

Websites

Select a website from the list:

DC [2 users , 85.0GB]  
Marvel [0 users , 0.0GB]  
Superheroes [0 users , 0.0GB]

Delete Website

Manage Selected Website

Users on selected website:

batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]

Extra Data:  GB

Update Extra Data

Add User

Remove User

Admin user name  
Log Out

Users

Select a user from the list:

\* batman01 [50.0, batman01@dc.com]  
\* superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Delete User

Modify User:

User name:

Email:

Data Allowance:  GB

Update User

Websites

Select a website from the list:

Marvel [0 users , 0.0GB]  
Superheroes [0 users , 0.0GB]

Delete Website

Manage Selected Website

Users on selected website:

Extra Data:  GB

Update Extra Data

Add User

Remove User

DC website is deleted and therefore batman01 and superman are not assigned any website and updates with an “\*”



# Netbeans demonstration

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## d) Add new website

Katelyn

Create New Website:

Website Name:

Create Website

Create New Website:

Website Name:

Create Website

Select a website from the list:

DC [2 users , 85.0GB]

Marvel [0 users , 0.0GB]

Superheroes [0 users , 0.0GB]

Delete Website

## e) Modify website data

Katelyn

**Websites**Log Out

Select a website from the list:

DC [2 users , 85.0GB]

Marvel [0 users , 0.0GB]

Delete Website

Manage Selected Website

Users on selected website:

batman01 [50.0, batman01@dc.com]

superman [25.0, superman@dc.com]

Extra Data:  GB

Update Extra Data

Add User

Remove User

Modify Website Name:

Website name:

Update Name

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# Netbeans demonstration

g) Automatically  
update and show  
all websites' size  
whenever a change  
is made

Everyone

Select a website from the list:

DC [2 users , 85.0GB]  
Marvel [0 users , 0.0GB]

Delete Website

Manage Selected Website

Users on selected website:

batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]

Extra Data: 50 GB

Update Extra Data

Add User

Remove User

Select a website from the list:

DC [2 users , 90.0GB]  
Marvel [0 users , 0.0GB]

Delete Website

Manage Selected Website

Users on selected website:


batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]

Extra Data: 5 GB

Update Extra Data

Add User

Remove User



## h) Automatically show users that are not assigned to any website


Everyone

Select a user from the list:

batman01 [50.0, batman01@dc.com]  
superman [25.0, superman@dc.com]  
\* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Delete User



Notation to demonstrate

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# Netbeans demonstration



# Theory - Psychological

- Consistency
  - Naming is consistent
  - Buttons same size
- Perceptual organization
  - Alignment
  - Groups
- Importance
  - Lists placed on top = functions you often need.
  - “Creating new user and website” at bottom since it is not used often
- Gestalt / Structure
  - Grouped information together
- Recognition
  - The color red - western culture = warning
- Exploiting Prior Knowledge
  - (Lack) Hard to learn the interface
  - Naming Convention
    - Simple vocabulary



# Theory - Experience

- Visibility
  - Buttons - Naming and color makes them different from rest of the components
- Affordance
  - Not clear how to: for example add a user to a website
  - Use more instructions
- Feedback
  - Lacking
  - For example: When a user has been modified and clicked the “Update” button the information about the user is still shown in the textfield. Which gives the user the feedback that it hasn’t been updated.
  - Could be fixed by clearing the text fields.
  - Could not get this to work since “batman” is still selected. And whenever a user is selected its information is displayed in the modify text fields

## Feedback

**Users**

Select a user from the list:

- batman [55.0, batman01@dc.com]
- superman [25.0, superman@dc.com]
- \* spiderman [100.0, spiderman@marvel.com]

\*Users not assigned to a website

Modify User:

User name:

Email:

Data Allowance:  GB



# Theory - continued

- Consistency
  - Interface always stays the same. Content in lists and textfield is the only to be updated
- Simplicity
  - Lacking. We wanted to fit everything to one panel
  - Example to make it more simple
    - Wizard windows for creating new users and websites
- Structure
  - User information grouped together
  - Website information grouped together
  - Layout - vertical
- Tolerance
  - Forward error recovery
    - Change color and tooltips
    - Disable buttons