



From
Design
To Culture

HUX.

HashedIn User Experience

HUX.

WE ARE AWESOME

We have built a name for ourselves in providing UX, visual design & branding services for Web, Mobile and various platforms focusing on simplicity and innovation. We aim at achieving inclusiveness by & in design.



WE ARE HUX.

WHY ACCESSIBILITY ?

We need to make every single thing accessible to every single person with a disability.

– Stevie Wonder

DISNEY BEING SUED OVER LACK OF ACCESSIBILITY

Friday, 25 February 2011 17:30pm

Three women in the United States are suing Disney for discrimination against those who are blind or vision impaired.

According to the [press release about the class action suit](#), the plaintiffs are claiming that the parks themselves are discriminatory against people who are blind and vision impaired by "refusing to reasonably accommodate the needs of guests with guide dogs, refusing to provide functional audio technology, refusing to provide Braille menus, schedules and maps, and more".

In addition to this, the plaintiffs claim that the websites associated with Walt Disney Parks and Resorts also have numerous accessibility issues for people who are visually impaired.

The three plaintiffs are not after any monetary compensation, simply that Disney comply with the *Americans with Disabilities Act* regulations, so that people who are blind and vision impaired have the same access to Disney products as others.

Until now all three women have been enthusiastic patrons of the Disney Parks and Resorts and their associated websites.

Media Access Australia has a number of resources about [accessible web content](#) and support for those interested in complying with international accessibility standards.

More information about the lawsuit including the Class Action Complaint and other documents can be found on the [attorney's website](#).

HISTORY OF ACCESSIBILITY TESTING

The power of the Web is in its universality. Access by everyone regardless of disability is an essential aspect.

– Tim Berners Lee (Creator of WWW)

Rehabilitation Act of
1973 to include EIT
accessibility

1998

EIT tech standards
created

2000

VPAT 1.0 template
created

2001

Section 508
institutionalized

2006

VPAT 2.0 template
released

2017

Section 508
revised

2018

THE REPORT ACCESSIBILITY COMPLIANCE



Who said we want to **conform to the norm**? Celebrate and embrace our differences.

– Neil Milliken

VPAT

- Web-based internet information & apps
- Telecommunications
- Video and Multimedia
- Self-Contained, Closed

SECTION 508

- Functional Performance
- Hardware Detail
- Software Detail
- Support, services & documentation

WCAG 2.0 PRINCIPLES

Information, UI Components, navigation and content must be

- Perceivable
- Operable
- Understandable
- Robust

OUR ACCESSIBILITY TEST OFFERINGS



Accessibility makes some people's lives extraordinarily better. How many opportunities do we have to dramatically improve people's lives just by doing our job a little better?

– Steve Krug



WCAG 2.0 A, AA & Section 508 Checker



Color Blindness & Contrast Analyzer



Testing using Assistive Technology



Voluntary Product Accessibility Test



Usability Assessment

FAQs



Accessibility is not a feature. It is a **social trend**.

– Antonio Santos

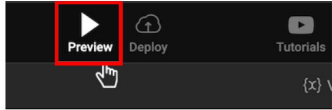
Q: Do we perform this exercise on an ongoing basis?

A: We need to complete the accessibility test for new features as it gets rolled out.

Q: How can HUX provide more value?

A: Apart from performing the test, HUX will also create and publish the guidelines (an excerpt of WCAG) best-suited for the application under test. These could be used by developers as a checklist to develop more accessible UI in future.

Our Sample Report

Section 1194.22 Web-based Internet information and applications				
* Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below.				
Criteria	Supporting Features	Remarks and explanations	Exceptions	WCAG Reference
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports with Exceptions	Some, but not all images tagged	1. "Preview" icon on the toolbar 	See more details

GENERAL VPAT

HUX ADDITIONS

Our additions are focused on

- Exact location of the issue (module > feature > screen > UI element)
- Recommended solution to render it “accessible”
- Link to WCAG 2.0 guideline
- Action-oriented so developers **know** where to fix, **understand** what to fix and **learn** how to fix

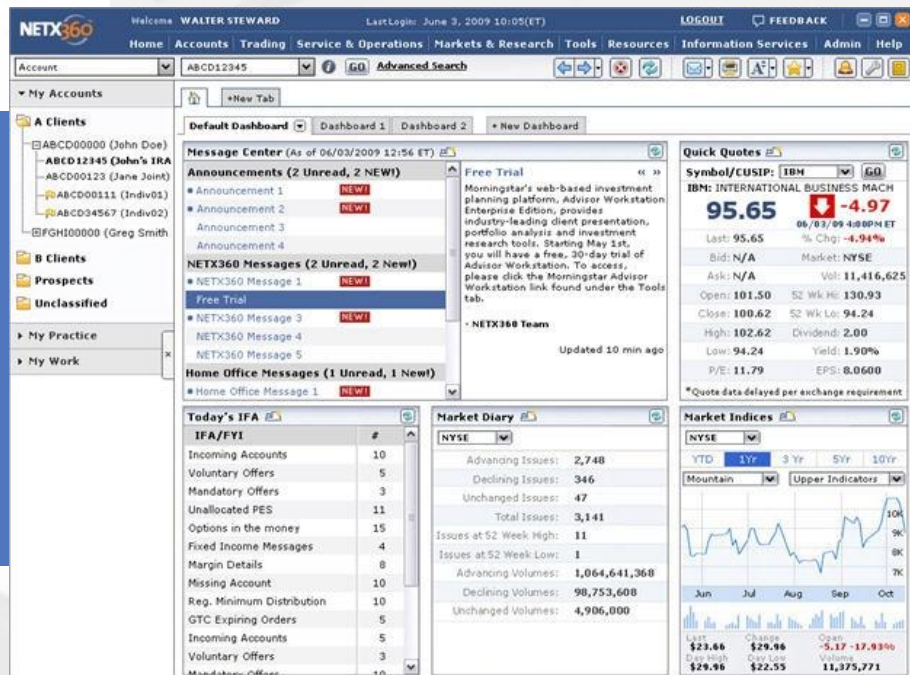
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PORTFOLIO

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The screenshot displays the NETX360 client onboarding form. The form is titled "Client Onboarding" and includes a search bar and a "GO" button. The main content area is divided into several sections:

- Open New Account:** A section for opening a new account, with a "Draft Accounts" link.
- Retail - Individual Account for: 52D024320**
- Account Details:** A section for account details, including the account number and the primary account holder.
- Primary Account Holder:** A section for the primary account holder, including the name and suffix.
- Name Details:** A section for name details, including the type (Individual or Entity), prefix, first name, middle name, last name, and suffix.

For a software designed to run on a system that has a keyboard, the action or the outcome should be discerned textually.

Tab index, tab stop & correct sequence

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NET360 interface showing various financial data and navigation options. The interface includes sections for Accounts, Trading, Service & Operations, Markets & Research, Tools, Resources, Admin, and Help. The main content area displays a list of clients (A Clients, B Clients, Prospects, Unclassified), a message center with announcements, and a quick quotes section for IBM stock.

Accounts	Trading	Service & Operations	Markets & Research
Single Account			Households/Groups
Summary			Summary
Balances	Alt+F1		Balances
Holdings			Holdings
Performance			Holdings By Symbol
Projected Cash Flow			Performance
Order/Trade Status	Alt+F6		Projected Cash Flow
Activity			Order/Trade Status
IFA			CRM
Documents			Activity

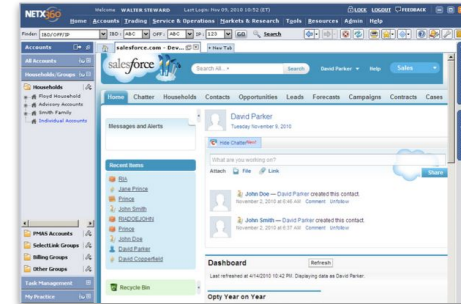
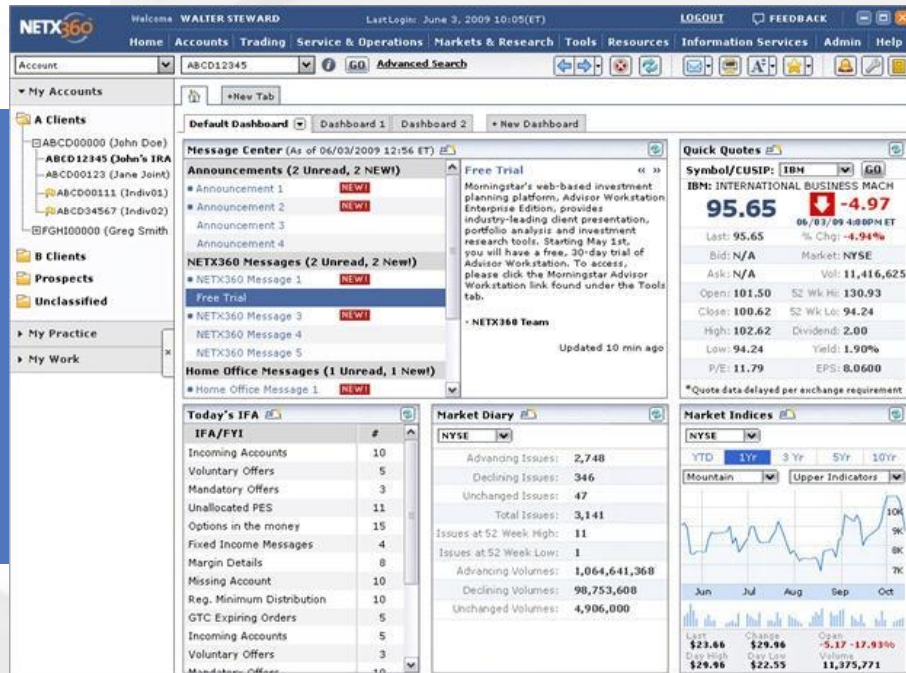
Tools	Resources	Admin	Help
Client Tools			Other Applications
Alerts			BNY Mellon Private Workbench
PMAS Portal			SmartOffice
Mobile Center			RedTail
Tax Center			MoneyGuidePro
Path to Investing			NaviPlan
INFO Direct FTP			Albridge Wealth Reporting
			Black Diamond
			The Income for Life Model®
Market Tools			
Financial Calculators			
Retirement Center			
ETF Center			
FINRA Breakpoint Tool			

All functionality is operable through a keyboard interface.

Alt Keys, Keyboard Shortcuts

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Frames shall be titled with text that facilitates frame identification and navigation

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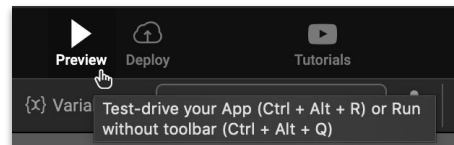
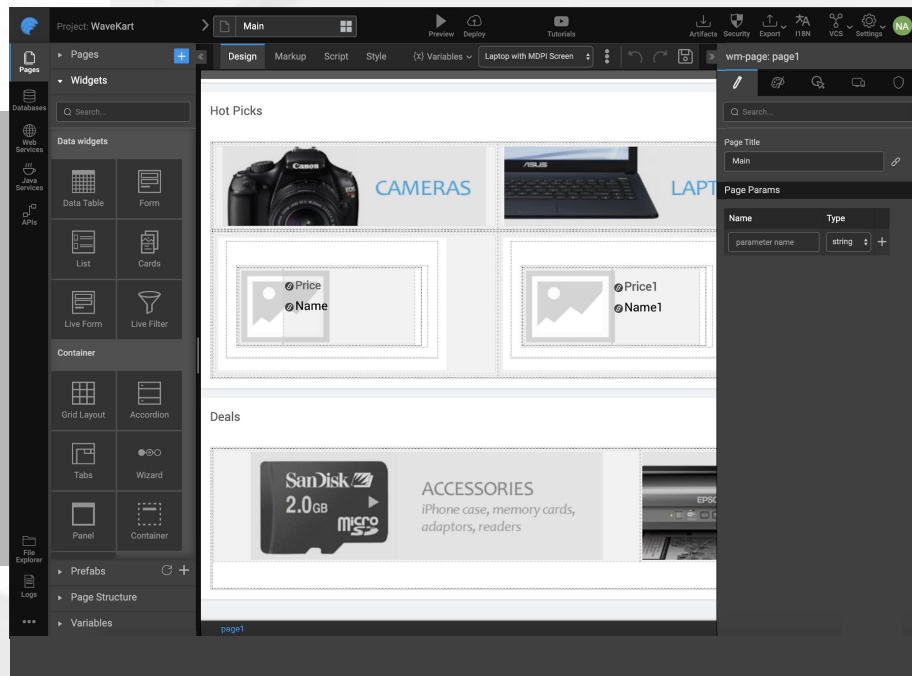


Color coding shall not be used as the only means of conveying information, indicating an action, distinguishing a visual element or prompting a response.

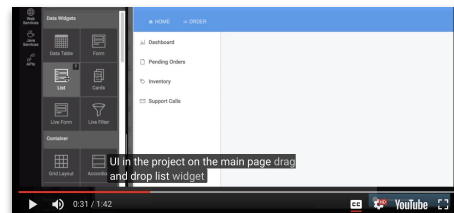
Color Contrast Analyzer

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RAD STUDIO / WaveMaker



Provide descriptive text alternatives for any non-text content



All training video that contain speech or other audio information necessary shall be comprehensible for an assistive technology like screen-reader

Alt Text, Closed Captions

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CLOUD PORTAL / CloudForte

CloudForte™

sourav.acharya@unisys.com
Unisys

Pillars (3)

▲ Operational Excellence (1/12)

1. How do you determine what your priorities are?

2. How do you protect your networks?

3. How do you determine what your priorities are?

4. How do you protect your networks?

5. How do you protect your networks?

6. How do you determine what your priorities are?

7. How do you protect your networks?

8. How do you determine what your priorities are?

9. How do you protect your networks?

Home > Healthcare Application > Review

2. How do you protect your networks? ⓘ

Everyone needs to understand their part in enabling business success. Have shared goals in order to set priorities for resources. This will maximize the benefits of your efforts.

Question does not apply to this workload.

☐ Evaluate external customer needs ⓘ

☐ Evaluate compliance requirements ⓘ

☐ Evaluate external customer needs ⓘ

☒ Evaluate compliance requirements ⓘ

Notes (optional)

Description upto 150 characters

Save & Exit

Previous

Next

Helpful Resources

0:00

0:15

0:30

0:45

1:00

0:00

0:15

0:30

0:45

1:00

Evaluate external customer needs

Involve key stakeholders, including business, development, and operations teams, to determine where to focus operations efforts on external customer needs. This will ensure that you have a thorough understanding of the operations support that is required to achieve business outcomes.

Automate Enforcement of access controls

Enforce access controls through automated tools and by reporting irregularities.

IAM Best Practices

Color Contrast Checker

Home > Resources > Color Contrast Checker

Foreground Color
#313233
Lightness

Background Color
#FFFFFF
Lightness

Contrast Ratio
12.84:1
permalink

Normal Text

WCAG AA: Pass
WCAG AAA: Pass

The five boxing wizards jump quickly.

Large Text

WCAG AA: Pass
WCAG AAA: Pass

The five boxing wizards jump quickly.

Graphical Objects and User Interface Components

WCAG AA: Pass

Text Input

Color coding shall not be used as the only means of conveying information, indicating an action, distinguishing a visual element or prompting a response.

Color Contrast Analyzer

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OUR CUSTOMER TESTIMONIALS



OUR CUSTOMER'S VOICE



Priya Bhatt

Tech Innovation
Program Assistant



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Our experience working with HashedIn to build an interactive learning application was extremely rewarding. The team was thoughtful and user-focused in their approach—really bringing user perspectives and preferences into the design of the application, from picking the right color schemes and fonts to gamifying user experience. The team was also very responsive, with a keen eye to trends in the industry that inspired high confidence in their work. They were easy to work with and collaborative, updating the application as we gave feedback and input. We look forward to continuing our partnership with HashedIn.



**CONTACT
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