

MSCIS 533

Special Topics in Information

Systems Assignment 1

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For the websites I chose Kuwait today as the local website (<https://kuwaitalyawm.media.gov.kw/>)

for the regional website I chose the gulf news (<https://gulfnews.com/>)

and lastly for international website I chose the BBC news (<https://www.bbc.com/news>)

The reason I chose all the websites to be news based is to simplify and ease the comparison between elements of the websites.

**Using W5H**

**Who:**

**-Who are the users of the websites?**

-For Kuwait Al-yawm

The users are a diverse group that is more leaning towards older people and politically opinionated young adults ages might be from 32 to 60.

-For Gulf news

The users are a diverse group that consists of older people and politically opinionated young adults ages might be from 28 to 60.

-For BBC news

The users of the site are mostly political activates that want to be informed about current events, political affiliated parties and young adults to old people.

**What:**

**-What is the purpose of the websites?**

All of the websites are used to mainly inform users of the current state and events of the world.

**-What kind of content do they provide?**

The content is live and thorough coverage of local news for Kuwait Al-yawm. For Gulf news, they cover the current events for the entire region. Lastly BBC news covers the news of major countries and most prominent issues

**When:**

**-When do the users access the website?**

Most traffic comes from mid to after work hours generally from 11 AM to 3 PM for Kuwait Al-yawm. Gulf news has a similar traffic hours being from 11 AM to 3 PM. BBC news has a broader audience than the other two and therefore have a bigger traffic and longer lasting traffic, typically from 11AM to 5 PM on most European countries.

**Where:**

**-Where is the target audience of the site located at?**

For Kuwait al-youm they are primarily from Kuwait

For Gulf news they are mostly from the gulf

For BBC it is targeted for internation but more to Europe

**Why:**

**-Why do users visit the website?**

All of the websites share the same user needs to get informed about the latest news happening in their country, region or in the world

**How:**

**-How do users interact with the website**

All websites have a similar access method that the users use which is mostly via mobile web browser and some via a personal computer or laptop

**Analyzing the websites**

**Kuwait al-youm:**

For title it was correct and for headers they are clearly visible and logical, and you can Tab through everything in order except for one heading that was called (اول اصدار لنا) where I could not access it in an accessible friendly way

The headers which were clickable were all a <li> and not a <button> and the image was correctly categorized as <img> but didn’t have alternative text and the paragraphs were put as <div> the footer was inside <body> and the links at the footer where inside <li>

The page does use <header> correctly and uses <footer> but in the wrong place but it does not use aside or article lastly the use of <nav> is frequent.

The colors are simple and contrast well since most of them are black on white background or white on blue background

No, the images do not have alternative text at all

There are no skip links or alerts the tab order is logical

Using a keyboard the order matches the website but there are no highlights whatsoever on the webpage I only realized that the order is logical by tabbing and reading the link and matching it with the header and buttons with the mouse, some buttons are buttons other are <a>. No, using the keyboard on the website was not great but functioning and the elements are shown correctly but not everything, some needed to press a button for them to list them. Yes, the visual order mostly matches the DOM order.

In summary the site is not accessible friendly.

**Gulf news:**

Yes, the headers are present in the right order and logical

The titles, paragraphs, images and forms, links are used correctly

Yes the pages uses the header correctly and nav main article footer correctly the footer although in <body> is used in a clear and organized manner, the header includes the necessary elements in a usual head like main aspects of the website for clear and accessible navigation although it does not include a contact us header like in Kuwait al-youm the rest have nothing remarkable to mention.

The main page color contrast is acceptable and the footer on first sight might be unacceptable but using webaim I found out that the contrast had a ratio of 14 which is acceptable

Yes, all images have descriptive alternative text

There is logical tab order and semantics

Using only the keyboard I found out that the focus is clearly visible, and everything in the right place, the buttons are actual <button> and the overall UX is great, lastly the elements are shown correctly, and the visual order matches the DOM

In summary the website is accessible friendly.

**BBC news:**

Yes, the headers are present and in right order and logical

Title, paragraphs, images, articles and buttons are clearly stated in the elements of the website. You can see that each paragraph is categorized in its own <b> the title in <h1> and images in <img> with alternative text, furthermore the footer is used correctly, everything is ideal

The color contrast is 21 with the background white and the text black this theme is persistent in 95% of the website.

All images that I check have alternative text albeit not as descriptive as gulf news

Tabs are in logical order, alerts and semantics are existent.

Using tabs in an article I found a skip to main article the bypasses the header and the header are not lists but clearly visible and the overall experience is great

In summary the website is accessible friendly.

Using screen reader (NVDA) for the gulf news website:

Tabbing through the website I noticed that the first thing which is a button opened a list that was not accessible due to it not listing its content and not being able to tab into the list unless opened with enter, also continuing the subscribe button on webpage is repeated twice everywhere on the website and the login and search button are not named what they are only being named button. The header at the top has 17 items which is too many furthermore none of them are named correctly and all are named “menu item” lastly going into an article and tabbing the highlight missed all and every single article just reading the heading and moving on to the next I was not able to listen to a single article in this news website.

In summary I recant my statement that the gulf news website was accessible friendly since the elements were clearly stated but when activating the screen reader, it turned out that the elements have a major problem my guess is the structure is the website is sound but misplaced.