

The development and testing:

- **Changes:**

There isn't much change in the design other than some minor improvements in styling. The website was almost perfectly implemented and looked as I envisioned and even better. I added some minor improvements in the look and attractiveness but the design part is almost the same.

- **Organisation:**

The website was organized in a way where you can move from one page to another anytime you like. The header was the same in every page, through which all the files/pages were connected. The menu was organized in a way that it looks good no matter what device were we on. It had links to every other web page. The menu buttons were also given hover effect and some other effects to enhance it's look and attractiveness. I implemented the grid-based approach for my menu which not only has attractiveness to it but also great applications like being well laid out on the screen no matter the size, and not having to click an extra button or anything to get to our menu.

- **Optimisation:**

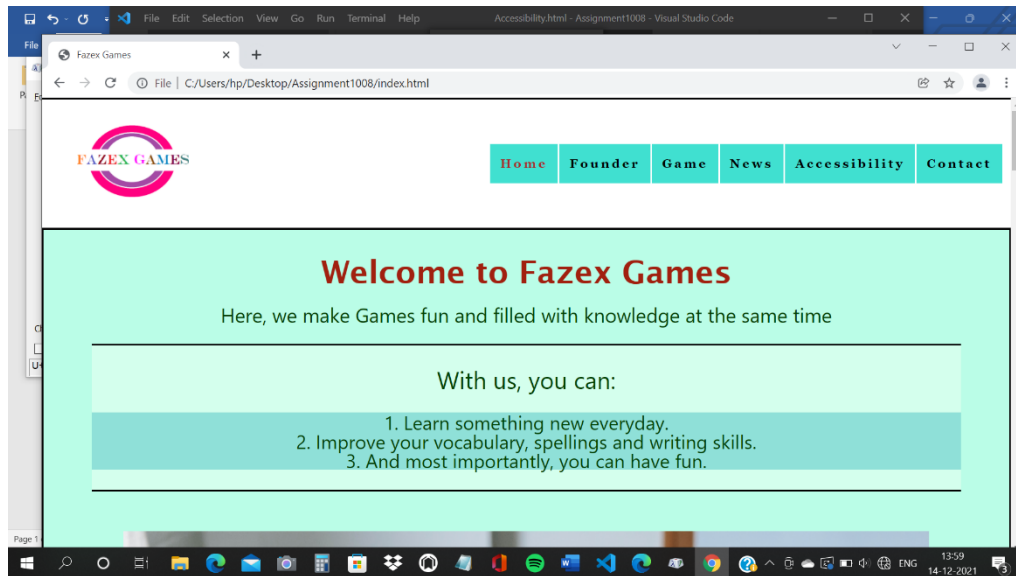
For the canvas part in javascript, I did some work for the images to load efficiently. I used onload to make it load images and then fire immediately.

- **Security:**

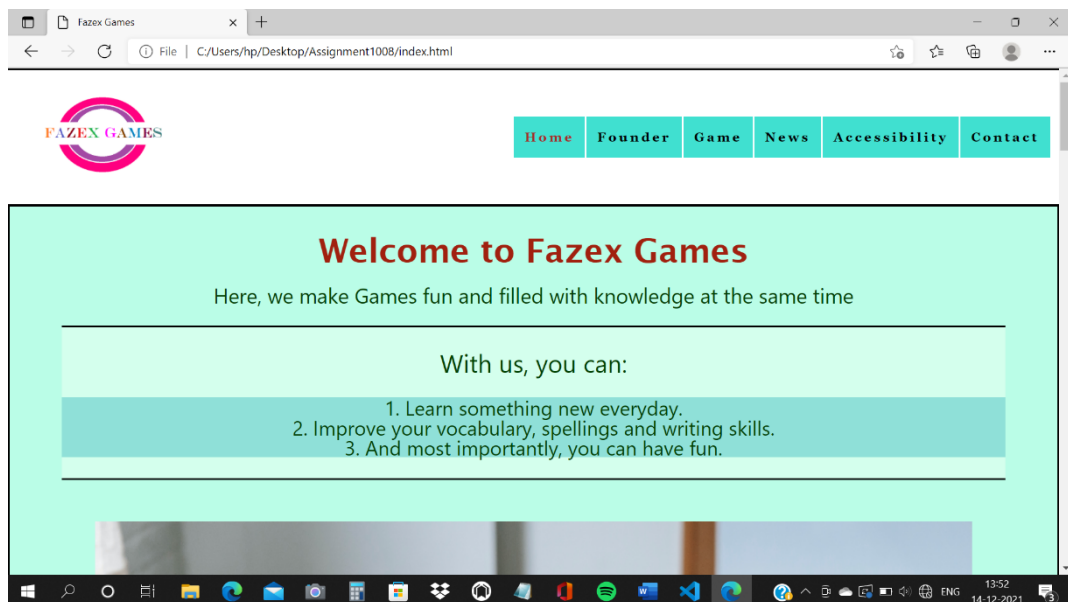
We have given a form on the contact page from which user can give their feedback or ask any question if there is any issue with anything. And as for the information of user, it will be totally secured since the website will not keep their data if they don't have a decent reason.

- **Testing:** I have tested this website on different browsers like edge and chrome and it worked fine in both of them with no changes found.

As we can see one of the screenshots below is opened in chrome and another in edge.



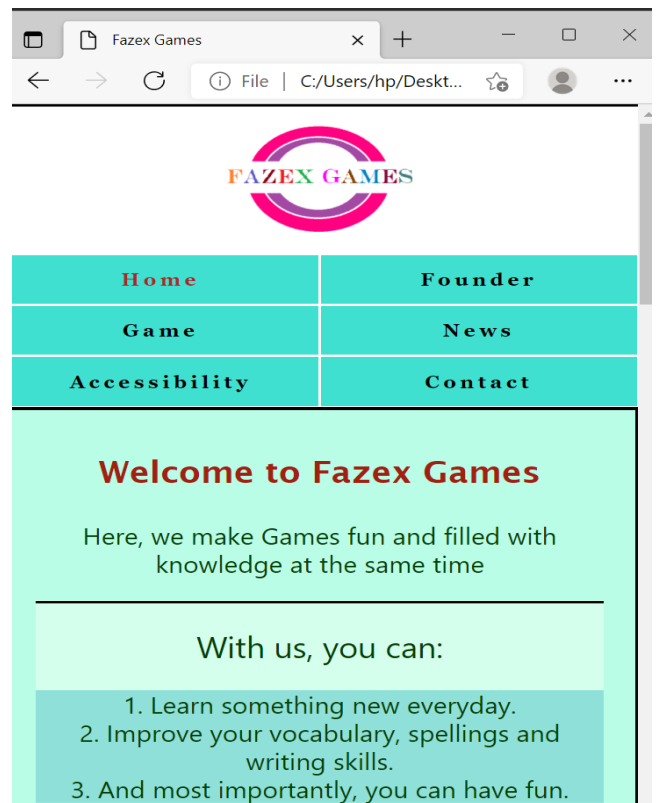
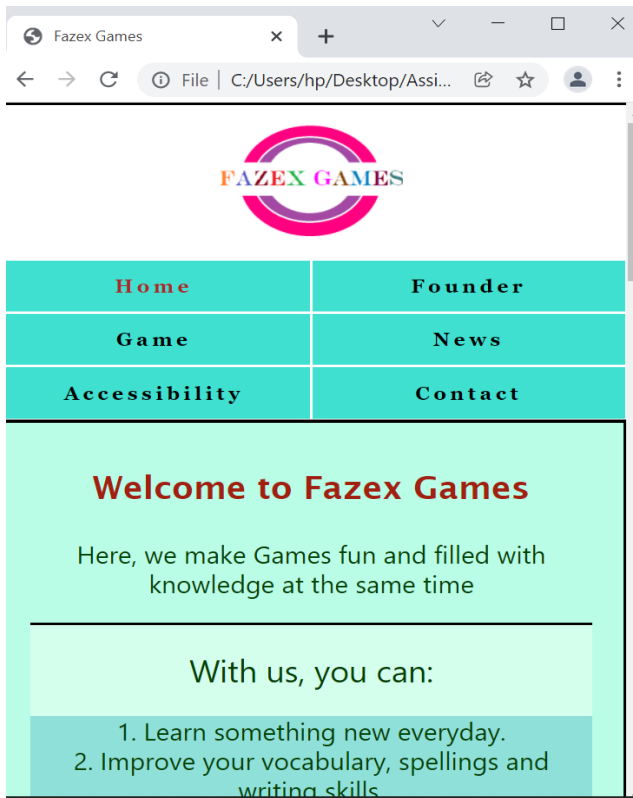
chrome:



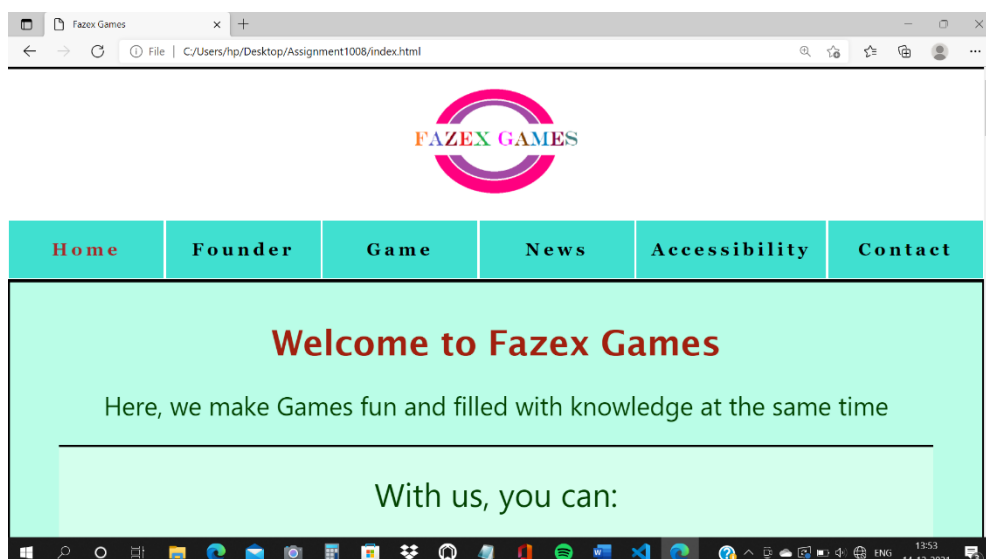
edge:

for mobile sizes:

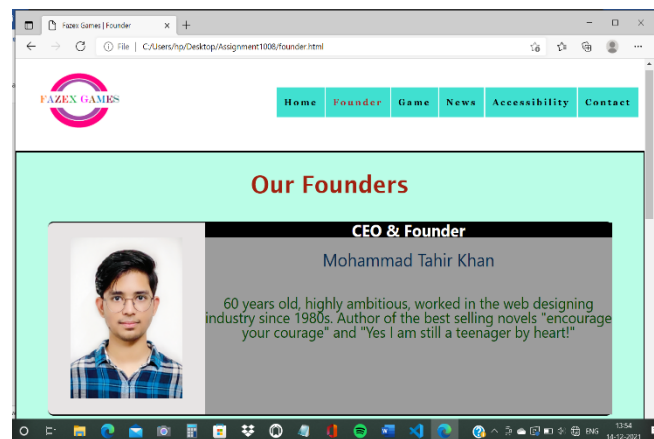
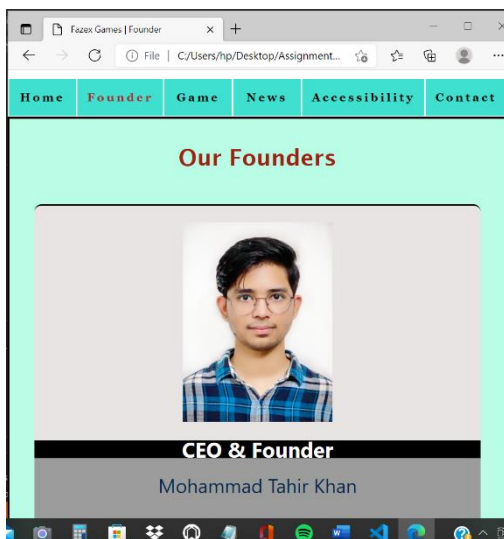
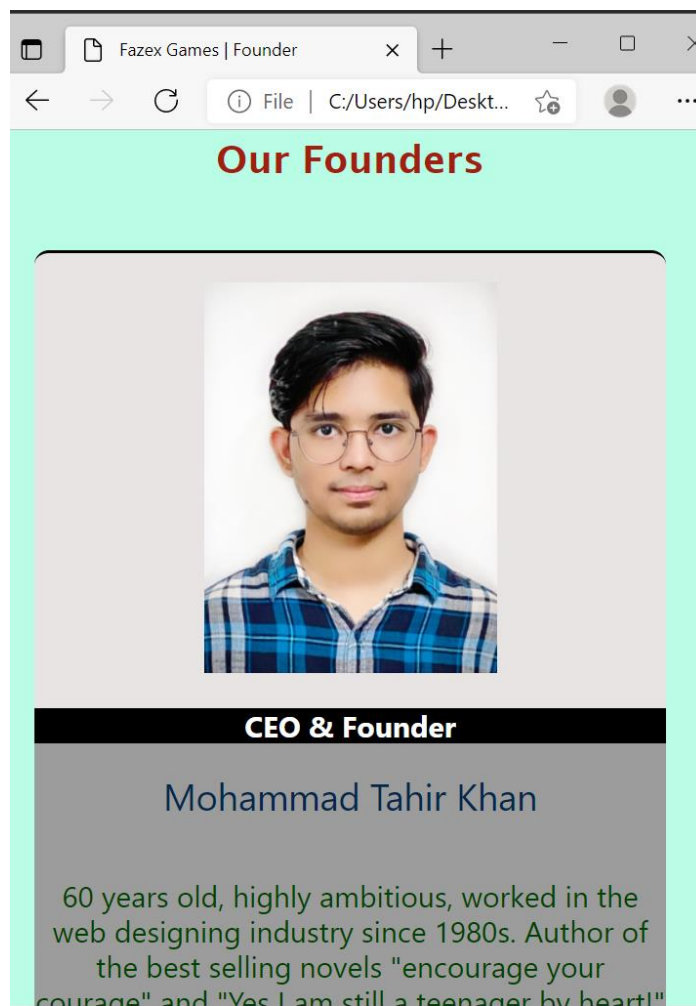
one if from chrome and the other is from edge. And they both look the same.



In tablet the home page looks like



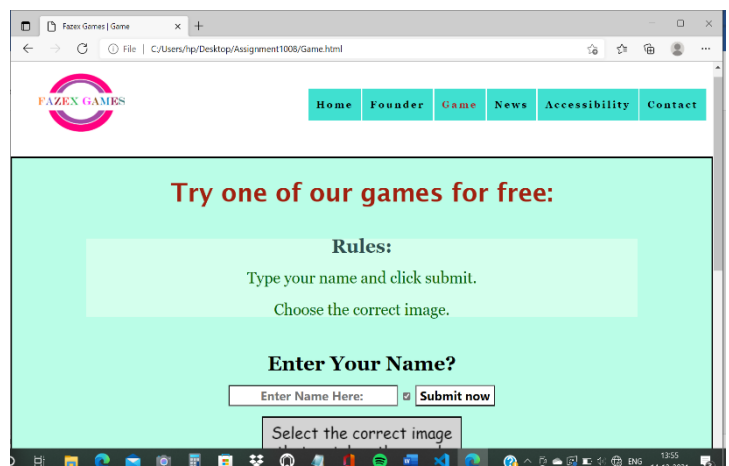
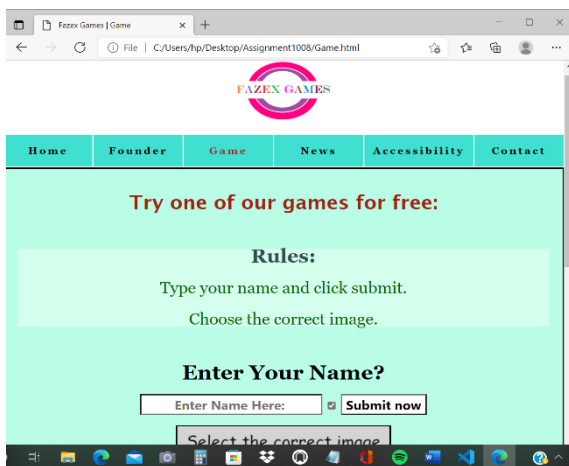
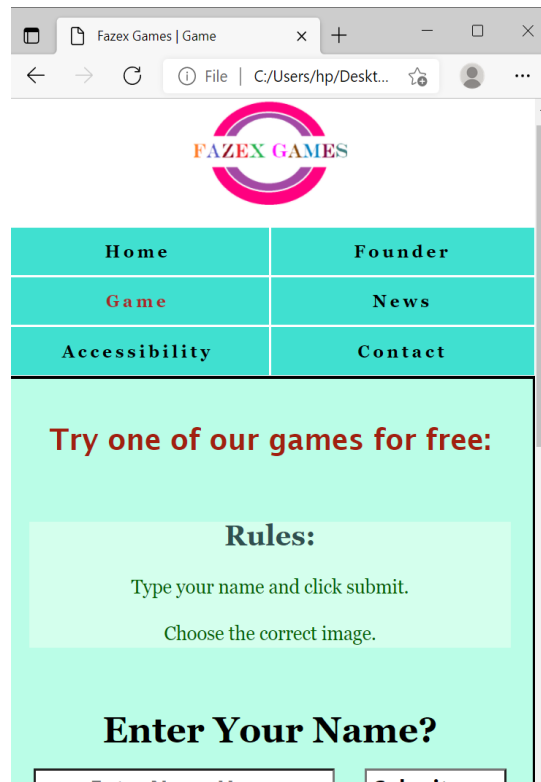
The founders page in mobile, tablet and desktop:



The news page is similar to founders page, the only difference the position of image in desktop is on the right rather than left.

The game page (no difference between mobile and tablet):

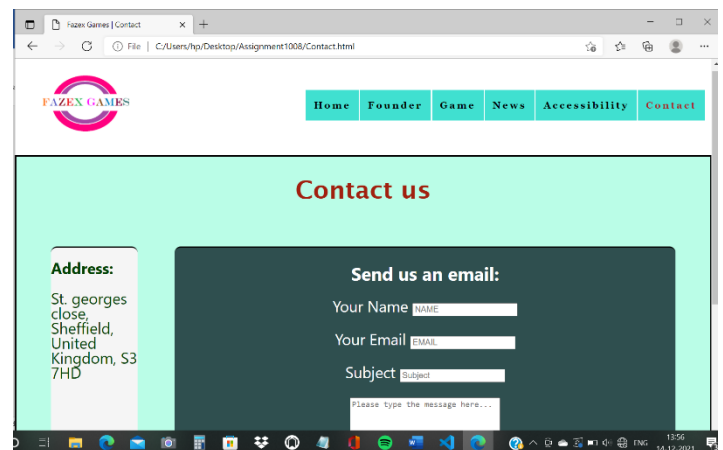
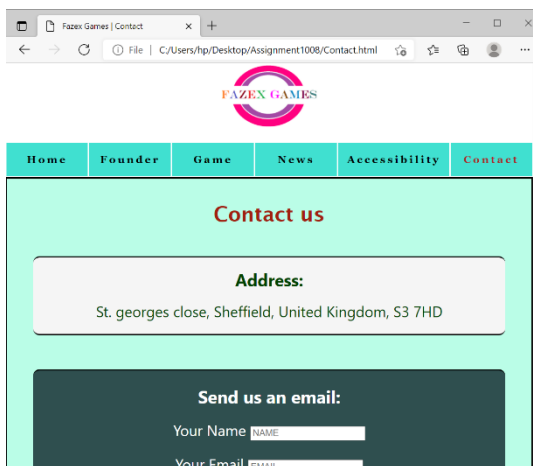
Mobile, tablet and desktop:



We ask the user his name, once the name is filled, they can play the game. And after the game ends they will get a score card that says <name> you selected x correct answers.

Accessibility page is the same with just font scaled up for tablet and desktop.

Contact page for mobile, tablet and desktop:



In the contact page users can share any of their problems or share any of the feedback.

Debugging:

In vscode, the id/(compiler) will give us the errors itself if there are any during development.

For javascript, the console gives us the errors if there are any.

There are multiple formatting id online where we can also check and do the required debugging.

I have used the following websites for taking reference and inspiration for certain parts of my codes.

W3school.com/ www.javascript.com