**FEDAssignment1**

This is my FED assignment 1 project

**StudentLife@ School Of InfoComm Technology**

StudentLife@School of InfoComm Technology is your go-to platform for simplifying student life! Tired of drowning in a sea of emails? Our website is your solution, offering a centralized hub to effortlessly discover and sign up for the latest events. We go beyond events, providing valuable insights into your faculty and course details. Moreover, you can say goodbye to long queues at the IT helpdesk – we have come up with an innovative online queue system which lets you secure your queue number at anytime, anywhere. StudentLife@School of InfoComm Technology is here to streamline your academic journey, ensuring you stay informed and make the most of your time at the School of InfoComm Technology. Find out more about our website at (website link) NOW!!

**Design Process**

This website is made for students as a one-stop website that offers useful information for students at the School of InfoComm Technology. This website will allow students to view the latest events, find the respective sign-up links to them and all information regarding the event. As a student, I am currently receiving information about events opened for students to sign up through the school email and it is very easy to overlook the emails due to the high amounts of emails we receive daily, such as assignment confirmation emails or linkedin emails. This website would solve my problem of sifting through the emails to find out about the events and their sign-up links. This website also offers information regarding the faculty which can be useful to students who wish to find out more about their course and also an online queue system that allows you to get your queue number for the IT helpdesk and see how many people is waiting in line infront of you. As a student, I have to head down to IT helpdesk to get a queue number now before I can approach the people at the IT helpdesk which may not necessarily be as efficient. If there is a lot of people there, I would have to wait for a very long time but if there is an online booking system, I can get a queue number in advance and head there only when my queue number is about to reach. This website can allow students to access all the resources they need for their academic life at the School of InfoComm Technology.

## Features

* The section header of Faculty Information, IT Helpdesk, Student Matters are to navigate to the different sections of the webpage.
* Firstly, the header of faculty information is to help students find out more about their own course and navigate them to an information page about their respective courses.
* Secondly, the header of faculty information is to help students get a queue number, where they must submit their name, student identification number, phone number and also the date and time they wish to book an appointment for so they do not have to head down just to get a queue number and can come at their designated timing for more efficiency.
* Thirdly, the header of student matters are to navigate them to a place where they can log in to their NPAL to use the NPAL services.
* The section of YouTube videos are to allow students to view YouTube videos uploaded by the school of InfoComm Technology to find out more about their courses or about the school. The user can press the arrows to view the different videos available to watch.
* The section of the Announcement is to let students view the events or programs ongoing and available for sign-ups, this is so that the students can actively participate in the school events and not miss out on any events due the the flooding of emails in their inboxes.

### Existing Features

* Feature 1 - allows users X to achieve Y, by having them fill out Z
* ...

In addition, you may also use this section to discuss plans for additional features to be implemented in the future:

### Features Left to Implement

* Another feature idea

## Technologies Used

In this section, you should mention all of the languages, frameworks, libraries, and any other tools that you have used to construct this project. For each, provide its name, a link to its official site and a short sentence of why it was use

## HTML, CSS, and JavaScript:

## Official Sites: [HTML](https://developer.mozilla.org/en-US/docs/Web/HTML), [CSS](https://developer.mozilla.org/en-US/docs/Web/CSS), [JavaScript](<https://developer.mozilla.org/en-US/docs/Web/JavaScript>)

## Usage: Core technologies for structuring, styling, and adding interactivity to web pages.

## Google Fonts:

## Official Site: [Google Fonts](<https://fonts.google.com/>)

## Usage: Importing and applying custom fonts (`'Kdam Thmor Pro'`, `'Roboto Mono'`, `'Montserrat'`, `'Roboto Condensed'`, `'Hedvig Letters Serif'`) for visual appeal.

## FontAwesome Icons:

## Official Site: [FontAwesome](<https://fontawesome.com/>)

## Usage: Implementing FontAwesome icons (`&#10094;` and `&#10095;`) for previous and next buttons in the slideshow.

## YouTube Embed:

## Official Site: [YouTube Embed](<https://support.google.com/youtube/answer/171780?hl=en>)

## Usage: Embedding YouTube videos using iframes for direct video playback on the site.

## External JavaScript File (script.js):

## Usage: Linked external JavaScript file (`script.js`) for additional functions and logic, including slideshow control and smooth scrolling.

## Responsive Design (Media Queries):

## Usage: Utilizing media queries for responsive design, ensuring a consistent user experience across different devices and screen sizes.

## Custom Styling (CSS):

## Usage: Applying custom CSS styles for an aesthetically pleasing and cohesive design, including colours, fonts, and layout.

## Interval-based Slideshow (JavaScript):

## Usage: JavaScript for creating an interval-based slideshow for video containers and announcement images, providing dynamic content.

## Form Validation (JavaScript):

## Usage: JavaScript for form validation, ensuring required fields are filled in before submission.

## Scroll Into View (JavaScript):

## Usage: JavaScript used for smooth scrolling to different sections when navigation buttons are clicked.

## These technologies collectively contribute to a responsive, visually appealing, and interactive web application testing

For any scenarios that have not been automated, test the user stories manually and provide as much detail as is relevant. A particularly useful form for describing your testing process is via scenarios, such as:

1. YouTube Video Section:
   1. The video would be compressed and adjust to the size of the screen
   2. In mobile view, the YouTube video size will become smaller
2. Queue Number Form:
   1. Go to the IT helpdesk section
   2. Click on here from “Get your queue number here”
   3. Try to submit the empty form and verify that an error message about the required fields appears.
   4. Try to submit the form with all inputs valid and verify that a success message appears.

In addition, you should mention in this section how your project looks and works on different browsers and screen sizes.

You should also mention in this section any interesting bugs or problems you discovered during your testing, even if you haven't addressed them yet.

If this section grows too long, you may want to split it off into a separate file and link to it from here.

## Credits

<https://www.youtube.com/embed/9WLK58uFkHU>

<https://www.youtube.com/embed/Fr7g4SLHggM>

<https://www.youtube.com/embed/gmbRvq48BQw>

<https://www.np.edu.sg/schools-courses/academic-schools/school-of-infocomm-technology/common-ict-programme>

<https://www.np.edu.sg/schools-courses/academic-schools/school-of-infocomm-technology/diploma-in-cybersecurity-digital-forensic>

<https://www.np.edu.sg/schools-courses/academic-schools/school-of-infocomm-technology/diploma-in-data-science>

<https://www.np.edu.sg/schools-courses/academic-schools/school-of-infocomm-technology/diploma-in-information-technology>

<https://www.np.edu.sg/schools-courses/academic-schools/school-of-infocomm-technology/diploma-in-immersive-media>

### Content

* The text for section Y was copied from the [Wikipedia article Z](https://en.wikipedia.org/wiki/Z)

### Media

* The photos used in this site were obtained from the school’s email or Instagram, and google.

### Acknowledgements

* I received inspiration for this project from the Ngee Ann Polytechnic Website where information is available for all students. However, the information on that website is not fully customised to each faculty.
* My website also received inspiration from the school’s Instagram page where information about certain events is sometimes shown there.
* Another inspiration was from the ICT telegram bot, where the bot would send students some announcements but only to students who had subscribed to their telegram page.