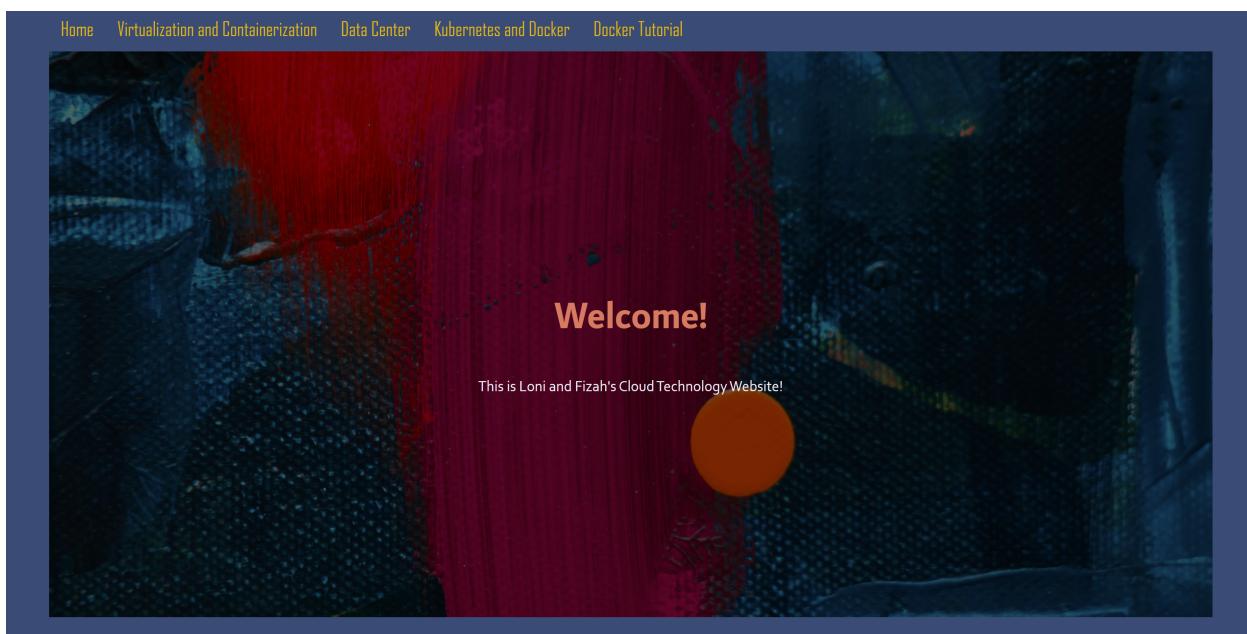
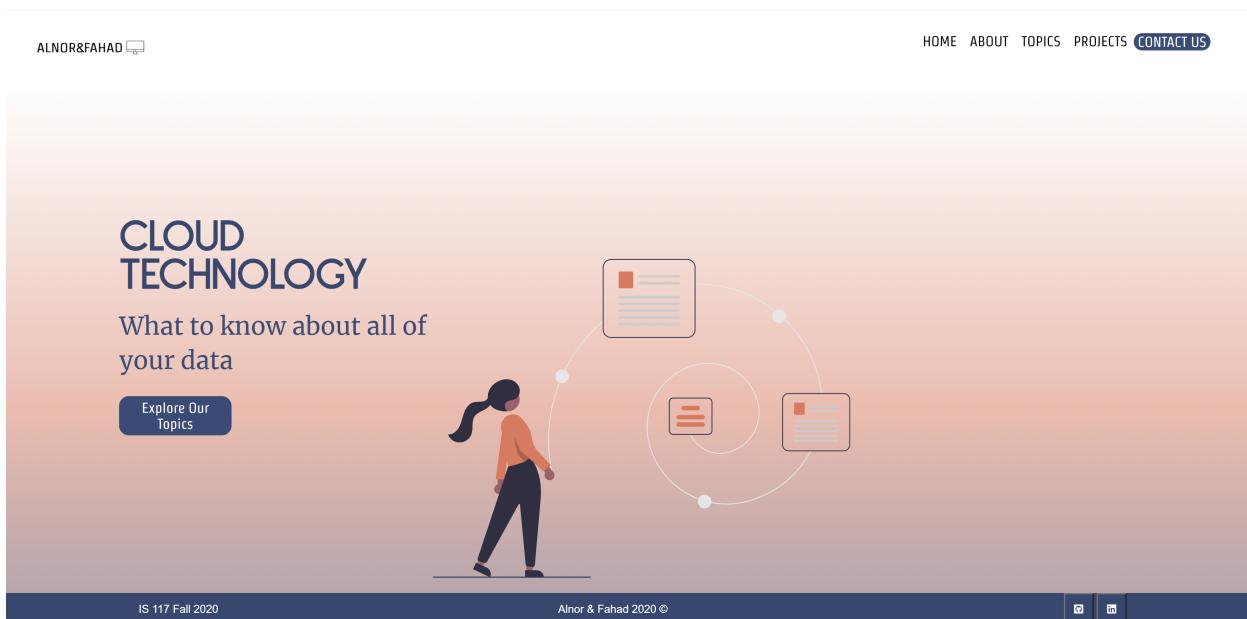


## HOME BEFORE:



## HOME AFTER:





## KUBERNETES AND DOCKER

docker is a container file format used for automating the deployment of applications as portable, self-sufficient containers that can run in the cloud. it is... (read more here)



## DOCKER TUTORIAL

first, you need to install docker to your computer. click here to download docker. docker supports... (read more here)

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your computer. click here to download docker. docker supports... (read more here)

## ABOUT OUR WEBSITE



[Learn About Our Website Here](#)

ALNOR&FAHAD

This website designed by  
Loni Alnor and Fizah  
Fahad using Figma

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## ABOUT PAGE BEFORE: THERE WAS NO ABOUT PAGE ON THE ORIGINAL WEBSITE

### ABOUT PAGE AFTER:

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HOME ABOUT TOPICS PROJECTS **CONTACT US**

## ABOUT OUR WEBSITE

### What Is This Website For?

We have created this website for our Intro to Website Development Final. We have redesigned our initial website and kept the original content. The purpose of this website is to inform our readers about Cloud Technology, including different software and systems that serve as more efficient tools and resources for anyone using computing technology.

### Why Did We Redesign This Website?

With this website redesign, we hope to exhibit all that we have learned about website design and development, as well as how we have grown throughout this semester.



START LEARNING ABOUT CLOUD TECHNOLOGY

### Who Did We Design This Website For?

We intend for our website to reach teenagers and adults like us who are interested in learning about how to make the best use of technology. We want our website to teach people how to use operation systems and store effectively, as well as how to use containerization technologies such as Kubernetes and Docker.

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## CONTENT PAGE BEFORE:

[Home](#) [Virtualization and Containerization](#) [Data Center](#) [Kubernetes and Docker](#) [Docker Tutorial](#)

### Data Centers and Cloud Data Systems

A data center is a physical facility that houses critical applications and data. A data center's design is based on a network of computing and storage resources that enable the delivery of shared applications and data. The key components of a data center design include routers, switches, firewalls, storage systems, servers, and application-delivery controllers. Meanwhile the cloud is when you store data on a different infrastructure. Essentially it is a remote version of a data center. The data can be accessed through the internet instead of on a local server.

Data servers are best when the user or company wants full control over its management. However, data servers have limited capacity; a cloud data system has virtually unlimited capacity. The catch is that there is less control when using the cloud.

When it comes to security, even though most believe that the cloud is less secure, with data centers the strength of security is dependent on the company. Your cloud data can be accessed by anyone with the proper credentials from anywhere with an internet connection. This is convenient, but it also opens a wide array of access points, all of which need to be protected to ensure that data transmitted through them is secure. A data center is physically connected to your company's local network. This makes it easier to ensure that only people with company-approved credentials and devices can access stored apps and information. You are responsible for your own security, though. ([businessnewsdaily.com](#))

Click [here](#) to learn more!



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# Data Centers and Cloud Data Systems

## What Is A Data Center?

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## When to Use Data Servers?

Data servers are best when the user or company wants full control over its management. However, data servers have limited capacity; a cloud data system has virtually unlimited capacity. The catch is that there is less control when using the cloud.

## What About Security?

When it comes to security, even though most believe that the cloud is less secure, with data centers the strength of security is dependent on the company. Your cloud data can be accessed by anyone with the proper credentials from anywhere with an internet connection. This is convenient, but it also opens a wide array of access points, all of which need to be protected to ensure that data transmitted through them is secure. A data center is physically connected to your company's local network. This makes it easier to ensure that only people with company-approved credentials and devices can access stored apps and information. You are responsible for your own security, though. (businessnewsdaily.com)

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