

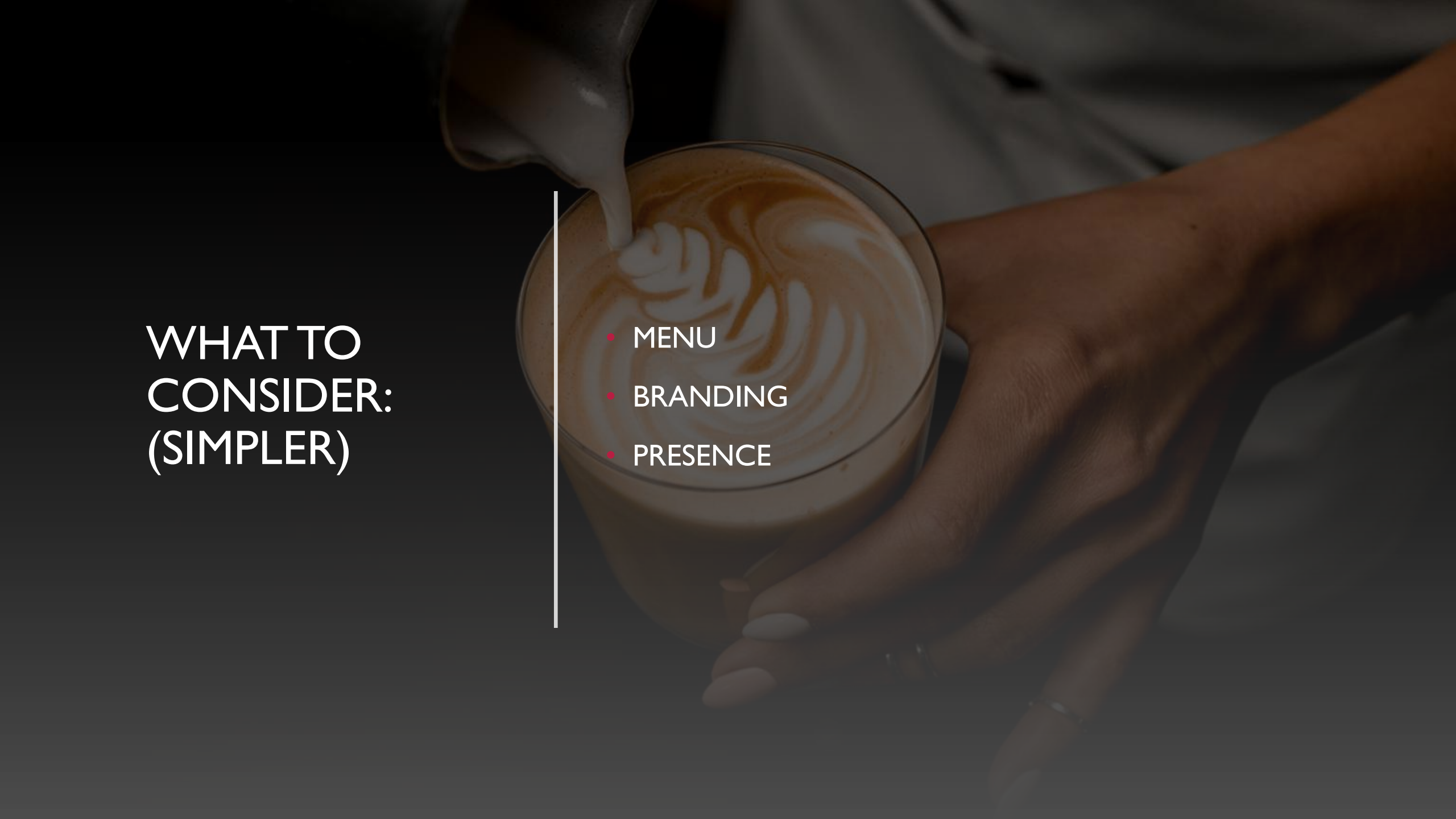
FRESHLY GROUND CAFE

STATIC WEBSITE ASSIGNMENT



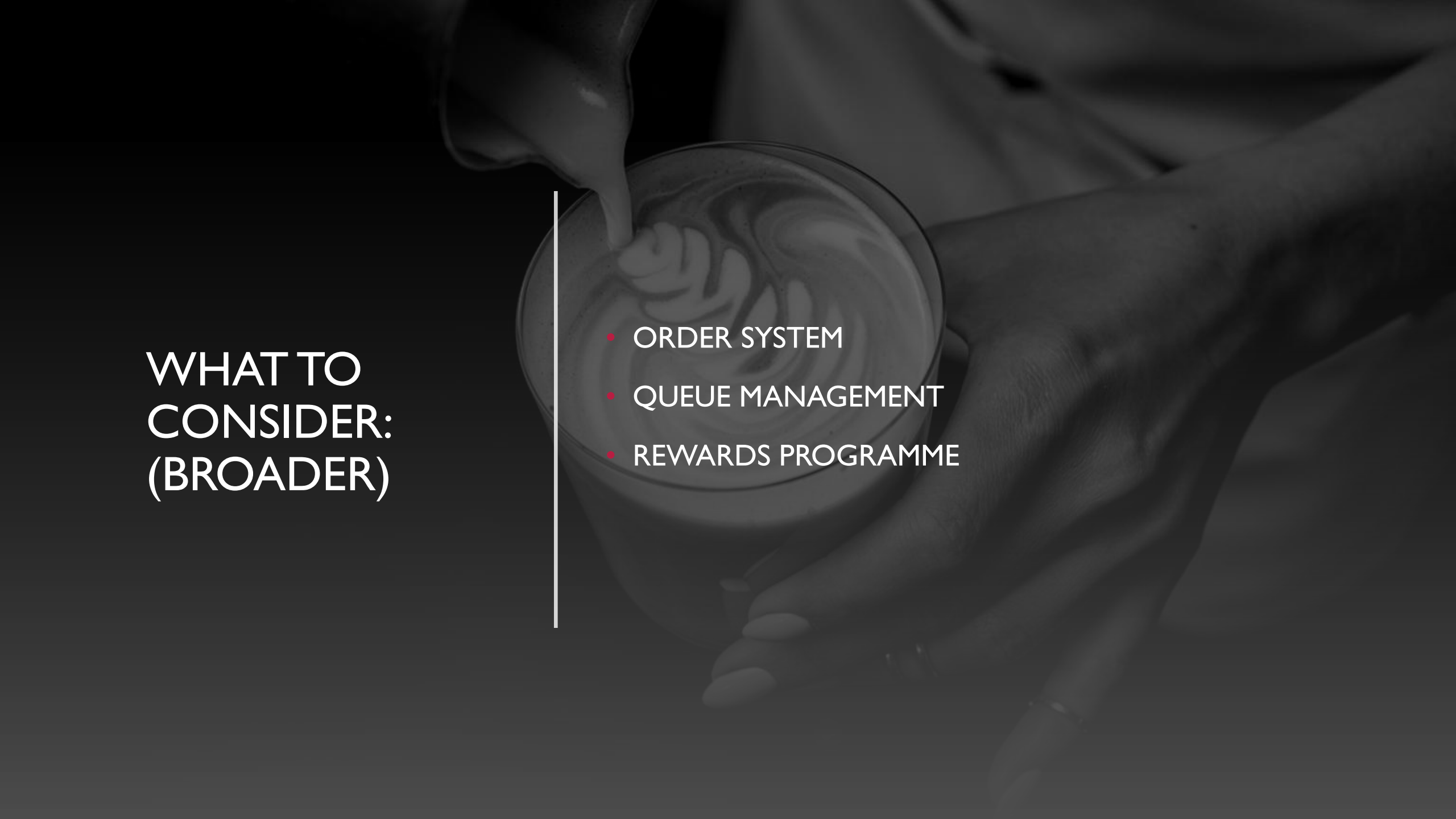
SCENARIO OVERVIEW

- FreshlyGround, a beloved local café, faces operational challenges due to outdated on-premises systems. The lack of a robust online presence hinders its ability to attract and retain customers in today's digital landscape.
- Aim: to migrate its IT infrastructure to the cloud.
- Goals: efficiency, improved customer engagement, seamless customer experience

A close-up photograph of a hand pouring milk from a metal pitcher into a glass cup of coffee. The coffee has a latte art design on top. The hand is holding the cup from the side. The background is dark and out of focus.

WHAT TO CONSIDER: (SIMPLER)

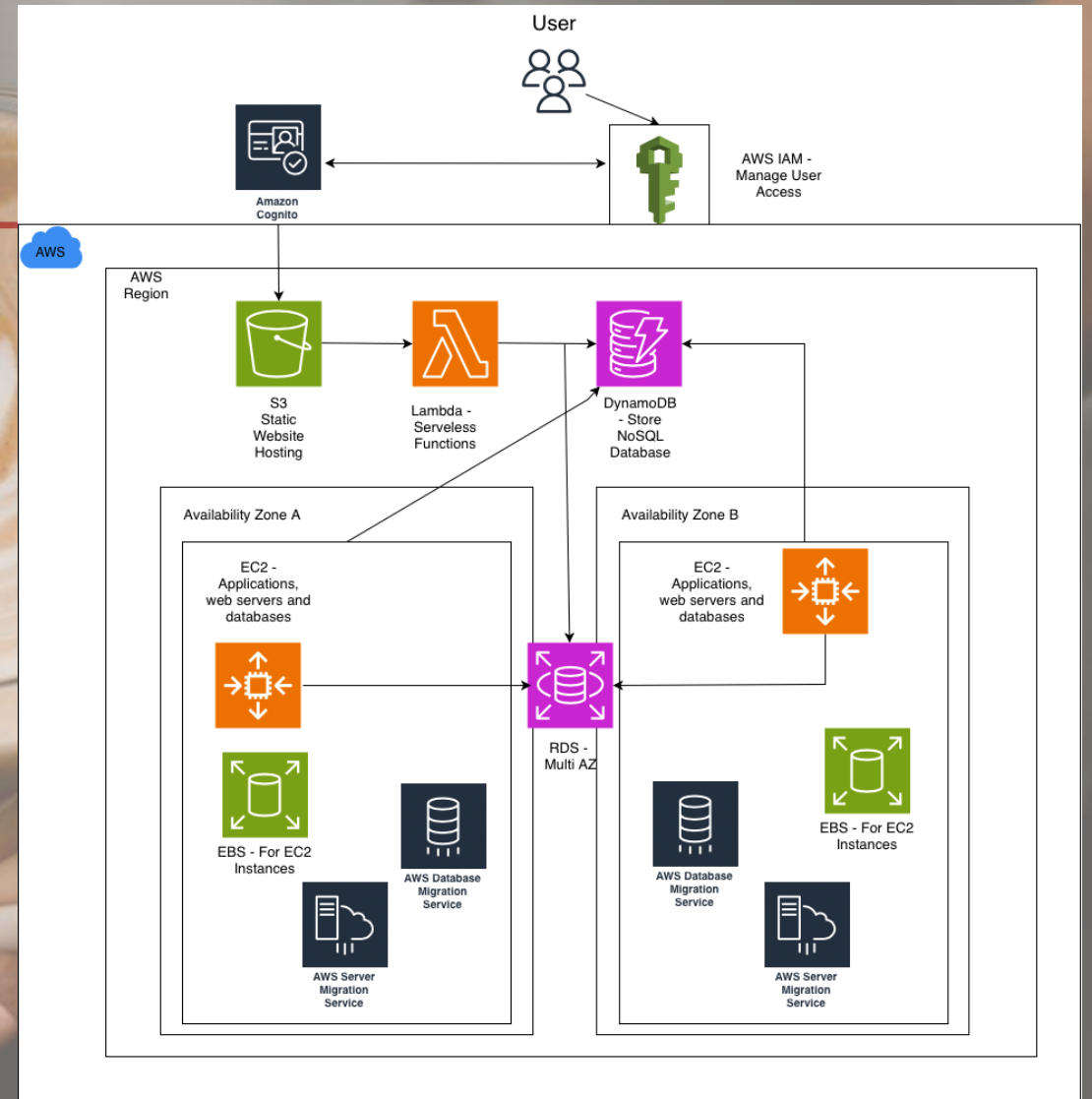
- MENU
- BRANDING
- PRESENCE

A grayscale photograph of a hand pouring milk from a pitcher into a cup of coffee. The coffee has a heart-shaped latte art design on its surface. The background is dark and out of focus.

WHAT TO CONSIDER: (BROADER)

- ORDER SYSTEM
- QUEUE MANAGEMENT
- REWARDS PROGRAMME

ARCHITECTURE DESIGN DIAGRAM



S3 BUCKET PROCESS:

Amazon S3 > Buckets > Create bucket

Info

Help

Feedback

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region
Europe (Stockholm) eu-north-1

Bucket type [Info](#)

☒ **General purpose**
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory**
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

freshlyground.cafe-static-site.

Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn more](#) [↗](#)

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

Choose bucket

Format: s3://bucket/prefix

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

S3 BUCKET PROCESS:

Amazon S3

Upload succeeded

For more information, see the [Files and folders](#) table.

After you navigate away from this page, the following information is no longer available.

Summary

Destination

s3://freshlyground.cafe-static-site

Succeeded

1 file, 21.7 KB (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 total, 21.7 KB)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
style.css	-	text/css	21.7 KB	Succeeded	-

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S3 BUCKET PROCESS:

shlyground.cafe-static-site > Edit static website hosting

Edit static website hosting [Info](#)

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website
Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object
Redirect requests to another bucket or domain. [Learn more](#)

i For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)










Index document
Specify the home or default page of the website.





index.html

Error document - optional
This is returned when an error occurs.

error.html

S3 BUCKET PROCESS:

[Alt+S]  Ask Amazon Q     Europe (Stockholm)  btshabalala582@gmail.com (4612-5975-7109)  btshabalala582%40gmail.com

 [Amazon S3](#) > [Buckets](#) > Create bucket   

Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ **Block all public access**

Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**

S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.

☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**


S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through new public bucket or access point policies**

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.




 **Turning off block all public access might result in this bucket and the objects within becoming public**

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☐ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

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S3 BUCKET PROCESS:

Amazon S3

>

Buckets

>

freshlyground.cafe-static-siteee

>

Upload

Upload

Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (0)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Q style.css

X

0 matches

<

1

>

<input type="checkbox"/>	Name	Folder	Type	Size
No files or folders				
You have not chosen any files or folders to upload.				

Destination

Info

Destination

<s3://freshlyground.cafe-static-siteee>

► Destination details

Bucket settings that impact new objects stored in the specified destination.

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S3 BUCKET PROCESS:


[yground.cafe-static-site](#) > Edit bucket policy

Edit bucket policy [Info](#)

Bucket policy

[Policy examples](#)

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

Bucket ARN
 `arn:aws:s3:::freshlyground.cafe-static-site`

Policy

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Sid": "PublicReadGetObject",  
6       "Effect": "Allow",  
7       "Principal": "*",  
8       "Action": "s3:GetObject",  
9       "Resource": "arn:aws:s3:::freshlyground.cafe-static-site/*"  
10    }  
11  ]  
12 }  
13
```

Edit statement

Select a statement

Select an existing statement in the policy or add a new statement.

[+ Add new statement](#)

S3 BUCKET PROCESS:

The screenshot shows the AWS S3 console interface. A file explorer window is open over the console, displaying the contents of a folder named 'Freshly_Ground'. The file explorer shows a list of files and folders: 'index.html' (Microsoft Edge HT...), 'main.js' (JavaScript File), 'style.css' (Cascading Style Sh...), and 'images' (File folder). The file explorer also shows the 'File name' field and the 'All files (*.*)' filter.

The background shows the AWS S3 console interface. The top navigation bar includes the AWS logo, the account name 'btshabalala582@gmail.com (4612-9975-7109)', and the region 'Europe (Stockholm)'. The main content area displays the S3 bucket 's3://fr...' and the 'Destination' section. The 'Destination' section shows the bucket name 's3://freshlyground.cafe-static-sit...' and the 'Destination details' section, which states 'Bucket settings that impact new objects stored in the specified destination.' The bottom of the console shows the footer with '© 2026, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

Name	Folder	Type	Size
No files or folders			
You have not chosen any files or folders to upload.			

Destination [Info](#)

Destination

<s3://freshlyground.cafe-static-sit...>

► Destination details

Bucket settings that impact new objects stored in the specified destination.

S3 BUCKET PROCESS:

Amazon S3 > Buckets > freshlyground.cafe-static-site > Upload

Upload

Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files** or **Add folder**.

Files and folders (1 total, 21.7 KB)

RemoveAdd filesAdd folder

All files and folders in this table will be uploaded.

Q style.cssX1 match

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	style.css	-	text/css	21.7 KB

Destination

Info

Destination

<s3://freshlyground.cafe-static-site>

► Destination details

Bucket settings that impact new objects stored in the specified destination.

► Permissions

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THE RESULT

