

@MALLS

“Africa's finest roots”



Meet our Team:
(Blending with SA Flag)

```
graph TD; A["Meet our Team:  
(Blending with SA Flag)"] --- B["Mokgadi-M:  
Web Dev"]; A --- C["Aytee-A:  
Researcher &  
Documenter"]; A --- D["Lethabo-L:  
Web Deployer  
to AWS S3"]; A --- E["Leah-L:  
Presenter"]; A --- F["Skhumbuzo-S:  
Web Dev"];
```

Mokgadi-M:
Web Dev

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Lethabo-L:
Web Deployer
to AWS S3

Leah-L:
Presenter

Skhumbuzo-S:
Web Dev

RESTAURANT OVERVIEW:

Current situation

- History:
- Uniqueness:
- Customers:





CHALLENGES: Before AWS Migration

- Order mix-ups & wrong dishes
- Double-bookings → waiting guests to be seated.
- No central customer data → lost repeat business
- Shortage of staff

Solution: Simple static website with:

- Pictures of our dishes
- Dine-in booking form
- Take-away order form
- Loyalty programme
- Login / register / sign-up
- Contacts, Map for directions, etc.



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](#)

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.

Error document - optional

This is returned when an error occurs.

Redirection rules - optional

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

```
1 {
2   {
3     "Condition": {
4       "KeyPrefixEquals": "register"
5     },
6     "Redirect": {
7       "ReplaceKeyWith": "register.html"
8     }
9   },
10  {
11    "Condition": {
12      "KeyPrefixEquals": "menu"
13    },
14    "Redirect": {
15      "ReplaceKeyWith": "menu.html"
16    }
17  },
18  {
19    "Condition": {
20      "KeyPrefixEquals": "login"
21    },
22    "Redirect": {
23      "ReplaceKeyWith": "login.html"
24    }
25  }
26 }
```

JSON

Ln 1, Col 1

Errors: 0

Warnings: 0

Bucket policy

[Edit](#)[Delete](#)

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](#)

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::mallis-restaurant-bucket/*"
    }
  ]
}
```

[Copy](#)

Place Your Take Away Order

Order your favorite African roots dishes for collection.

Your Details

Your Name: Phone Number:

Your Order

Order Item:

Submit Your Order

Place Order

Secure Your Dine-In Spot

Reserve your table for a full cultural dining experience.

Your Name:

Number of Guests:

Select party size:

Date & Time:

2025/09/10 18:00

Confirm Your Booking

The Feast, Our Culinary Legacy

Experience the heart of Southern Africa through our traditional dishes, each a story of heritage and community.



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock



add yours & stock

add yours & stock

The Feast, Our Culinary Lineage

Experience the heart of Southern Africa through our traditional dishes, each a story of heritage and community.

Welcome Back!

Please login to your account

Email Address

you@example.com

Password

Enter your password

☐ Remember me

[Forgot Password?](#)

Login

or continue with

Don't have an account? [Register Now](#)

Customer Rewards & Loyalty

Join our Miles & Smiles Program today to earn rewards on every order and more!

Full Name:

e.g. Thabo D.

Email Address:

e.g. thabo@example.co.za

Phone Number:

e.g. 1234567890

Join Loyalty Program

Welcome, T

You currently have 0 points.

Receive 100 points to \$10 off your next meal

Your Cart

Bobote's Comfort

\$65.00 x 1

The Ancestral Bread

\$250.00 x 1

Kuku & Bunny Sides

\$75.00 x 1

Total:

\$650.00

Proceed to Checkout

Order Placed! (Payment Pending)

Thank you, @MALLS! Your order ORD-202511141820 has been received.

- 2 x Kuku & Bunny Sides
- 2 x Mala and Mogwisi (Tried)

is being prepared. Total amount: \$380.00. We will call 1234567890 when ready (~30 mins).

[Press close to redirect you to payment page](#)

Close

Dine-In Confirmed! (Deposit Pending)

Your reservation RES-202511141810 for 4 guests on 2025/11/10, 11:30:00 has been received. Dining time: 1 hour extend to 2 hours with additional bookings. Deposit required: \$200.00. We look forward to sharing Africa's finest roots with you! Confirmation sent to your cell phone.

[Press close to redirect you to payment page](#)

Close

Reach Out & Connect

Location

Location:

560 Street, Avenue
Dorway View
Johannesburg, 2010
South Africa

Phone

Phone:

+27 11 123 4567

WhatsApp:

+27 81 234 5678

Email

Email:

info@malls.co.za

Website:

www.malls.co.za



Our Roots, Our Colours

@MALLS is a celebration of Southern Africa's vibrant heritage. Our cuisine and design are inspired by the warmth, community, and rich cultural tapestry of the Zulu, Sepedi, Xhosa, and Setswana people.



Community



Our Roots



Love



Legacy

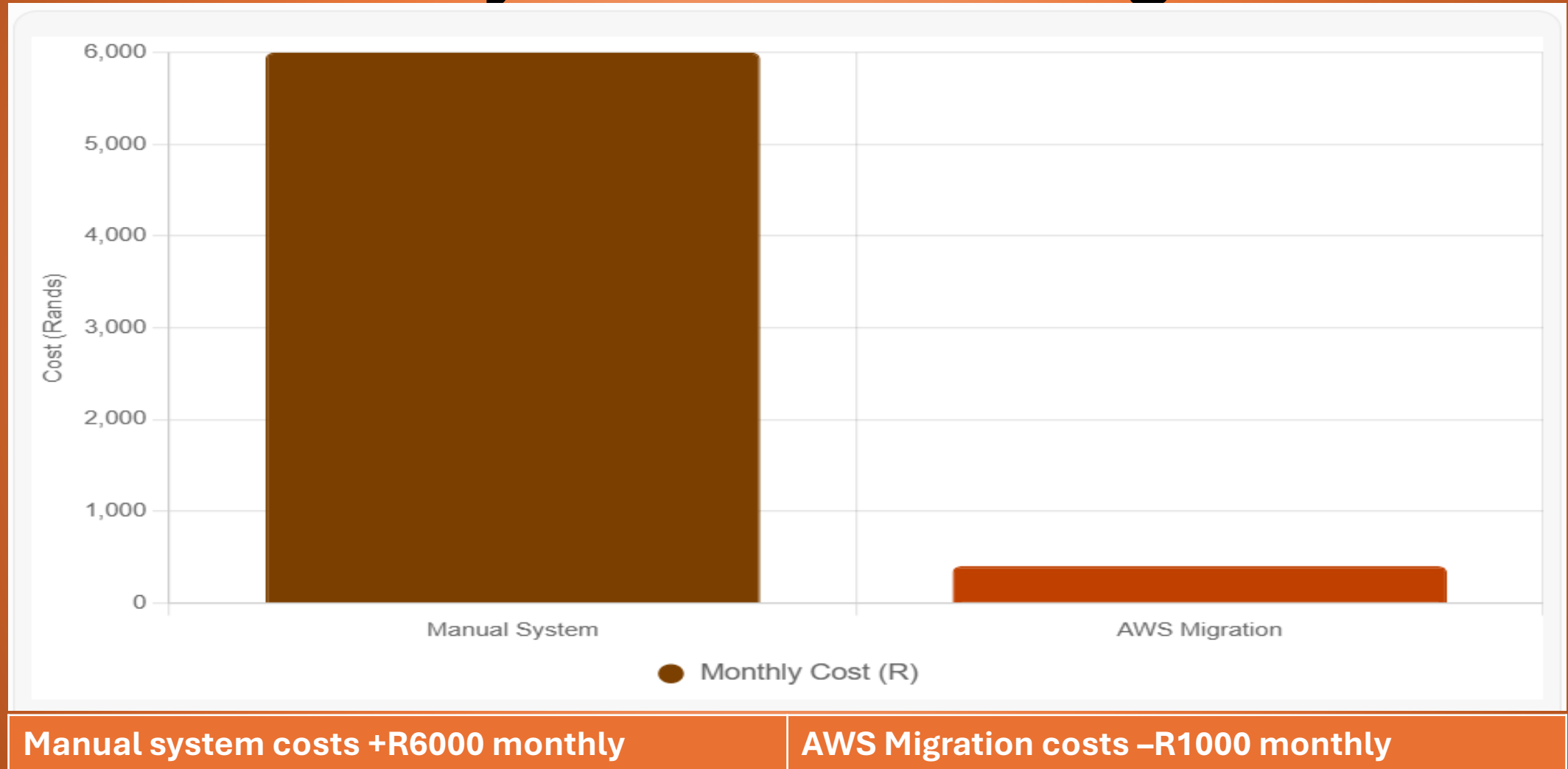
AWS SERVICES:

S3	Hosts the website & images
CloudFront	Fast global delivery
Route 53	Custom domain & DNS
ACM	Free SSL Certificate
API Gateway	Connects forms to the backend
Lambda	Handles bookings & order logic
DynamoDB	Stores reservations, orders, loyalty points
Cognito	User login & registration
Location Service	Interactive Map

Cost Analysis:

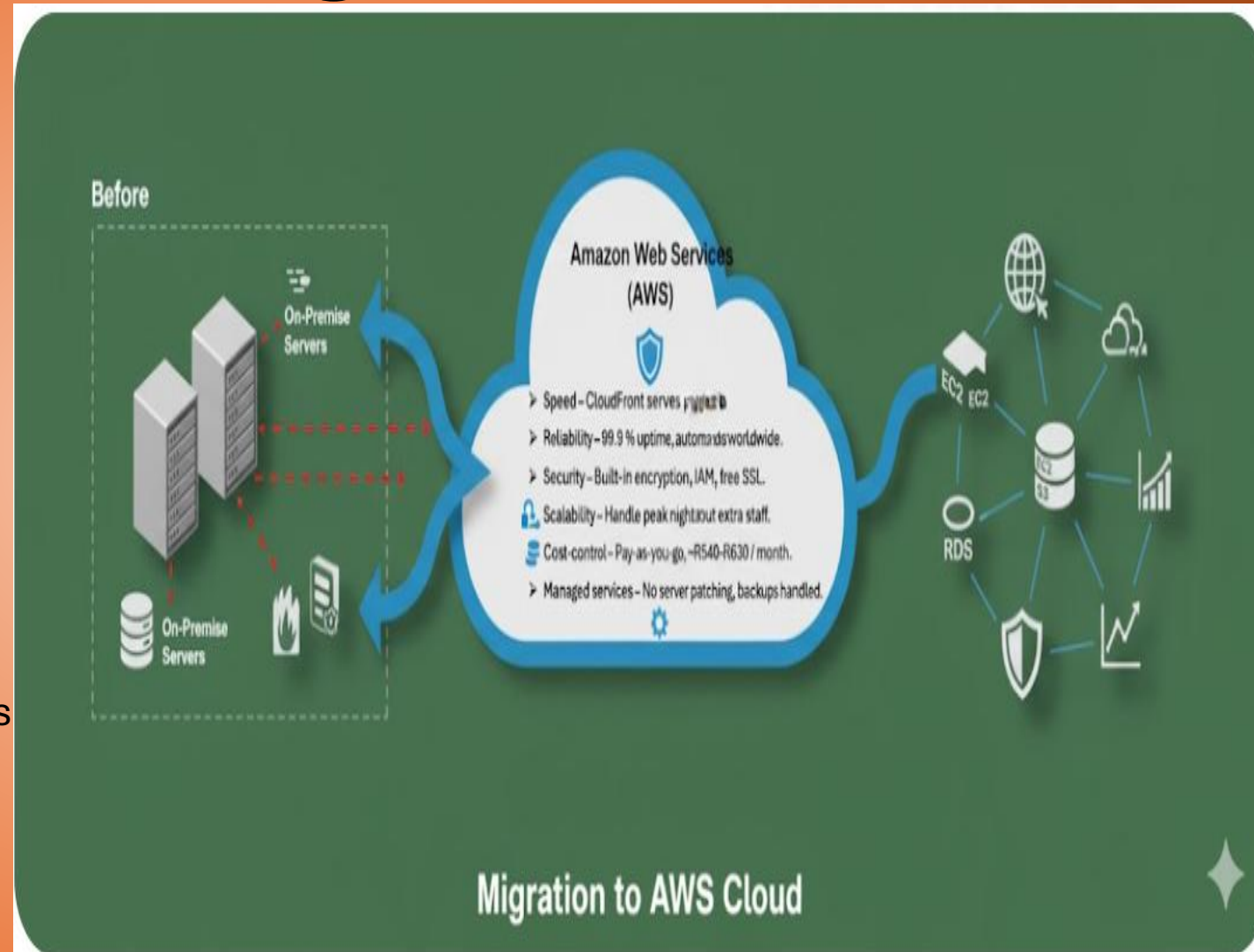
AWS COST ANALYSIS	SERVICES COST GAUGE	AMOUNT IN RANDS
Amazon S3	Low cost	R4
Amazon CloudFront	Most expensive	R470
Amazon Route 53	Low cost	R16
AWS Certificate Manager	Free tier	R0
Amazon API Gateway	Low cost	R0.50
AWS Lambda	Low cost	R4.50
Amazon DynamoDB	Low cost	R48
Amazon Location Service	Free tier	R0
Amazon Cognito	Free tier	R0
Total monthly bill		R540 – R630

Manual System VS AWS Migration:



Benefits of Moving to AWS:

- Speed – CloudFront serves pages in seconds worldwide.
- Reliability – 99.9 % uptime, automatic fail-over.
- Security – Built-in encryption, IAM, free SSL.
- Scalability – Handle peak nights without extra staff.
- Cost-control – Pay-as-you-go, ~R540-R630 / month.
- Managed services – No server patching, backups handled.



Conclusion:

What we learned from moving to AWS as a business:

- Switched from paper notes to AWS.
- Monthly cost dropped from ~R 6 000 to ~R 540-R 600.
- System uptime stays at 99.9 % even during peak times.
- Scale compute with a single click – no new hardware.
- AWS handles security patches & encryption, reducing breach risk.
- Updates go live in minutes, not days, enabling fast improvements

Q & A!!

Feel free to ask anything about our AWS migration!