



Choosing the right AWS Services



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- AWS Developer
- AWS Solution Architect
- AWS SysOps Administrator
- MS Azure Infrastructure Architect
- CEH

Few Clients

Local



International



AWS Services

Compute

Amazon Elastic Compute Cloud (Amazon EC2)



Storage

Amazon Elastic MapReduce

Auto Scaling

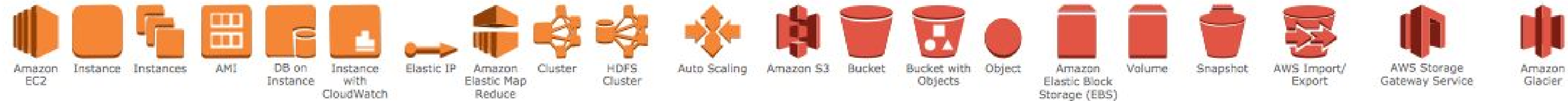
Amazon Simple Storage Service (Amazon S3)

Amazon Elastic Block Storage (Amazon EBS)

AWS Import/Export

AWS Storage Gateway Service

AWS Glacier

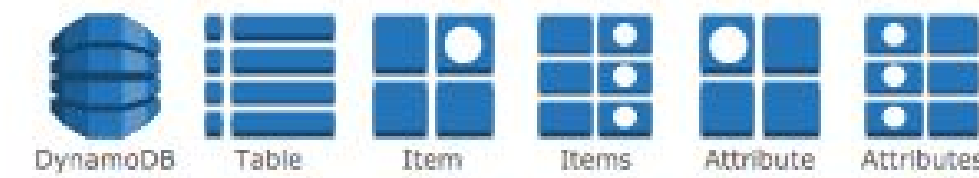


Database

Amazon DynamoDB

Amazon Relational Database Service (Amazon RDS)

Amazon ElastiCache



Networking

Amazon Route 53

Amazon Elastic Load Balancing

AWS Direct Connect

Amazon Virtual Private Cloud (VPC)

Content Delivery

Amazon Cloudfront

Elastic Network Instance



Application Services

Amazon Simple Queue Service (SQS)

Amazon Cloudsearch

Amazon Simple Email Service (SES)

Amazon Simple Workflow (SWF)

Amazon Simple Notification Service (SNS)



Deployment and Management

Amazon Elastic Beanstalk

AWS Identity and Access Management (IAM)

AWS CloudFormation

Amazon CloudWatch



Monitoring

Non-Service Specific



Groups



Scenario 01

Application with Frequent Read Write

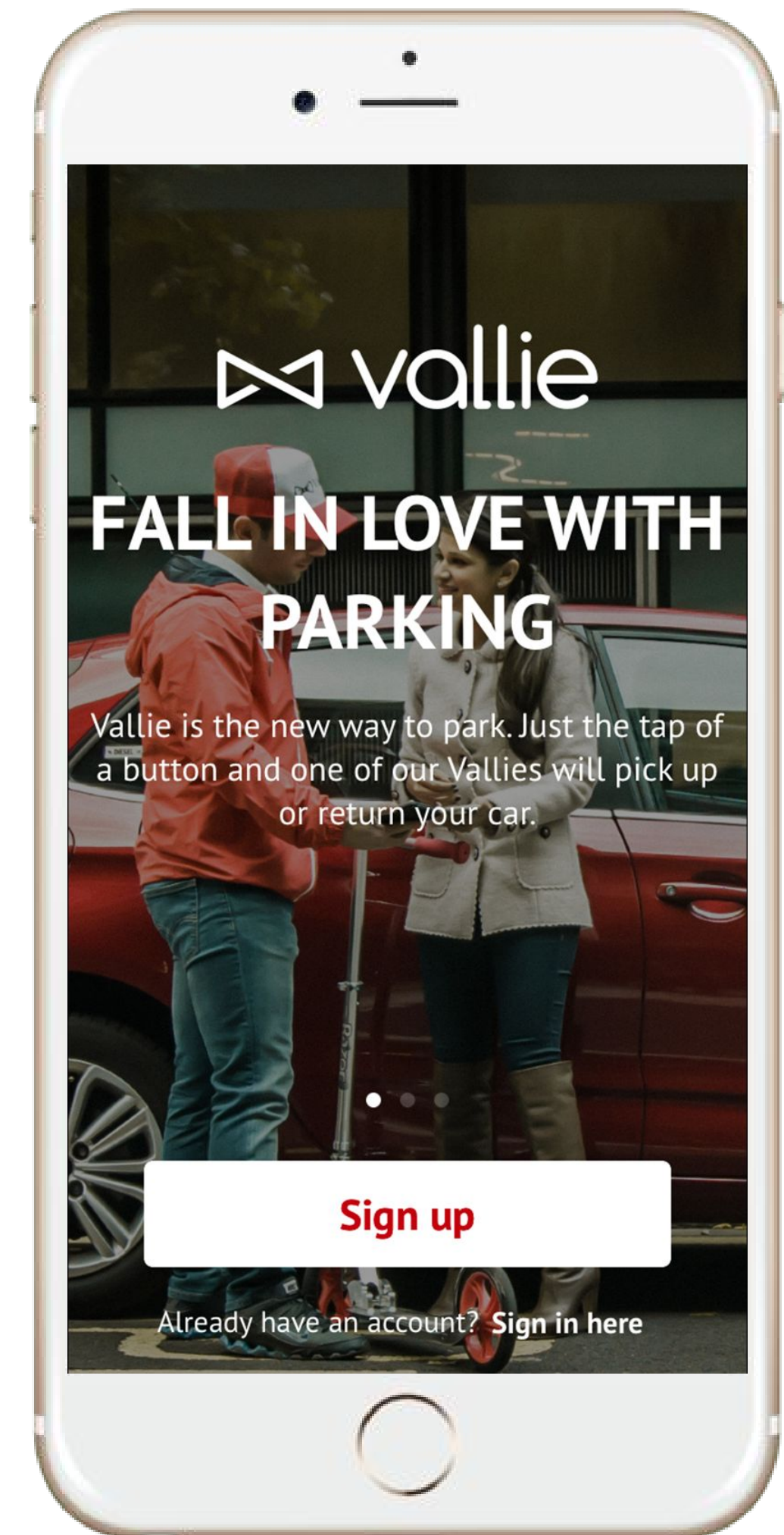
Industry: **Transportation**

Case Study:

Vallie (Similar service like Uber, Pathao)

AWS Services:

1. **EC2 Instance**
2. **Load Balancer with AutoScaling**
3. **DynamoDB**
4. **SQS**
5. **Cloud Front**
6. **Simple Storage Service (S3)**
7. **Cloud Watch**



Scenario 02

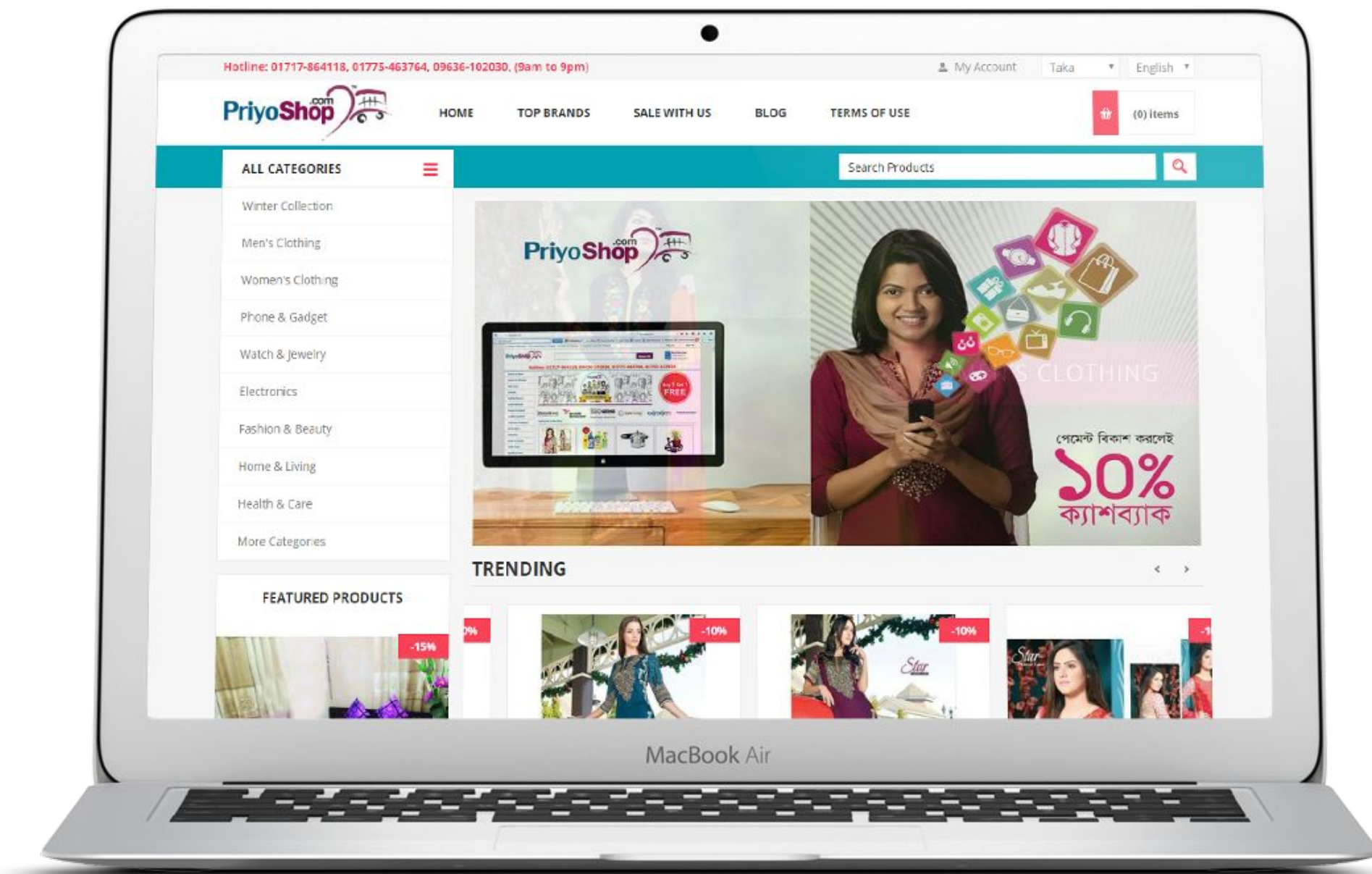
Application with unpredictable traffic

Industry: Online Newspaper , eCommerce

Case Study:
Priyoshop.com

AWS Services:

1. EC2 Instance
2. Auto Scaling
3. AWS WAF (Web Application Firewall)
4. Load Balancer
5. Cloud Front
6. AWS RDS
7. Simple Storage Service (S3)



Scenario 03

Mass Emailing for customers

Industry: Banks , Insurance, SME, Enterprise

Case Study:

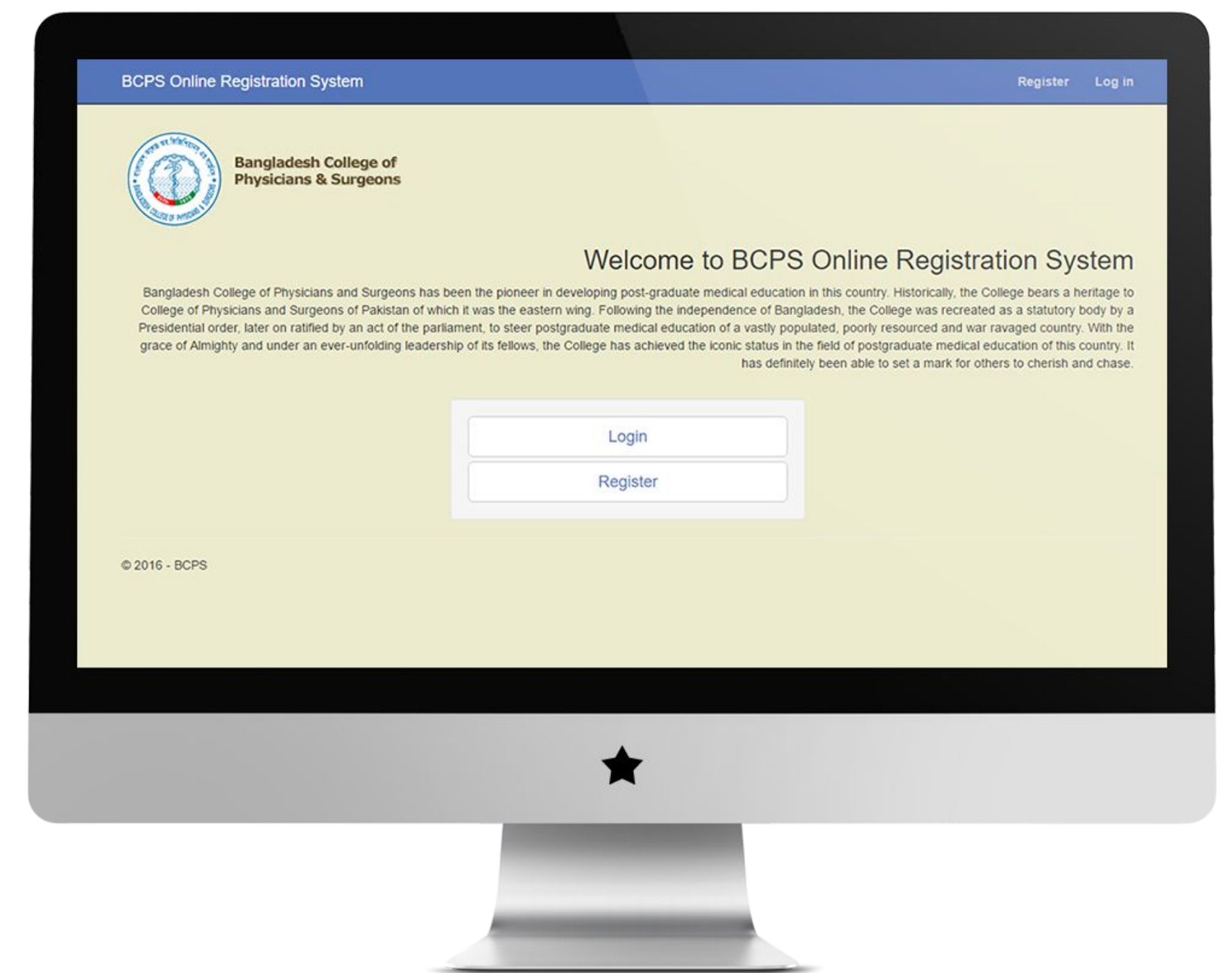
BCPS (Bangladesh College of Physicians and Surgeons)

AWS Services:

1. Amazon SES (Simple Email Service)

Pricing:

1. \$0.10 per 1,000 emails sent and \$0.12 per GB of attachments sent.



Scenario 04

Hosting ERP Solution

Industry: ERP Solution

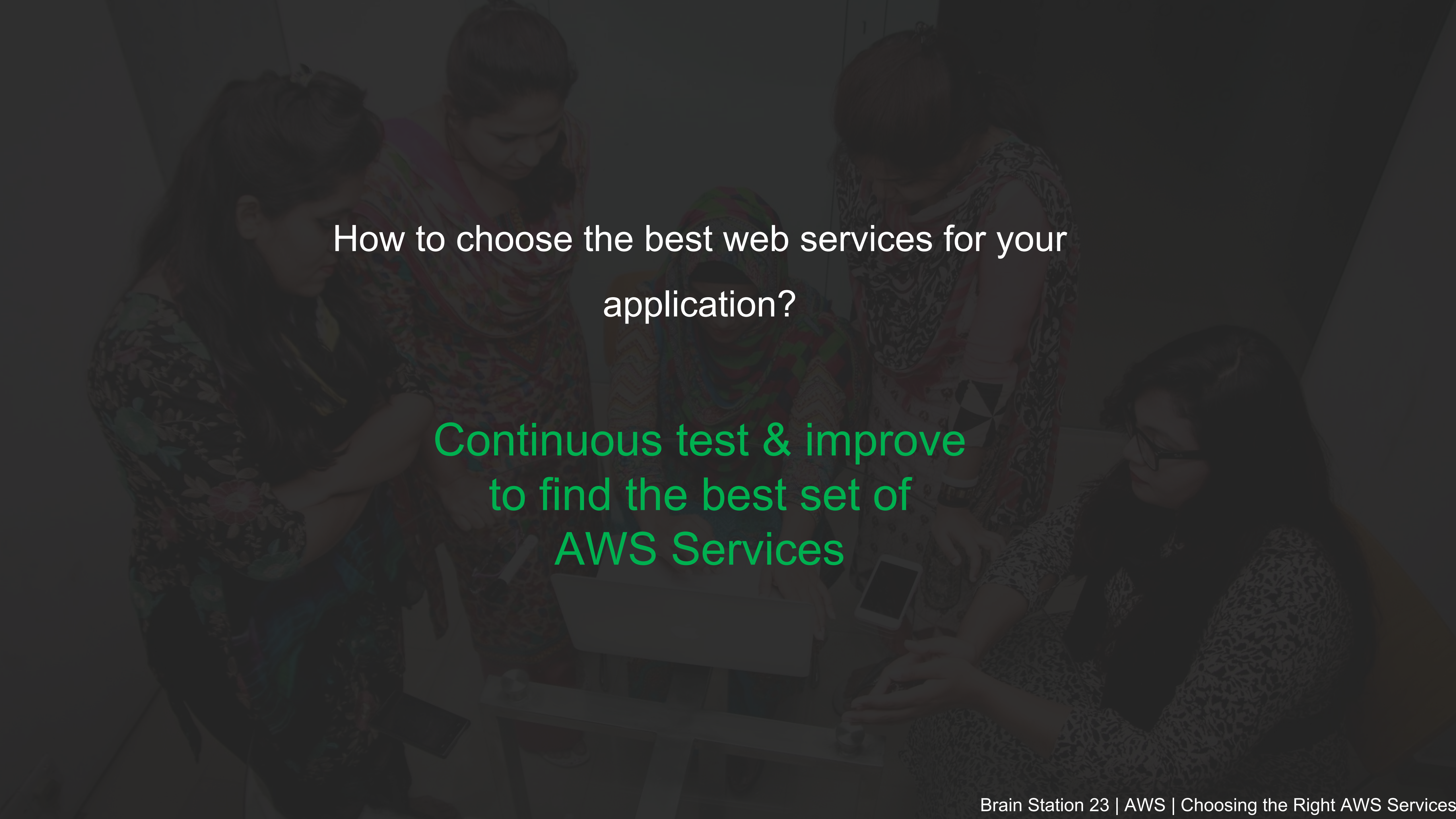
Case Study:

Oslobuss (<https://oslobuss.busgroup.no>)

AWS Services:


1. Load Balancer
2. EC2 Instance
3. AWS RDS
4. AWS S3



A group of five women, all wearing hijabs, are gathered around a table in a collaborative setting. They are looking at a laptop screen and several smartphones on the table. The image is dimly lit with a dark overlay, emphasizing the text.

How to choose the best web services for your
application?

Continuous test & improve
to find the best set of
AWS Services



Thank you all!

<https://www.facebook.com/groups/AWSBangladesh/>