https://www.example.com
/API -> API Gateway
/* -> StaticFile Hosting

2.1 Download SPA Assets

2.2 Load Origin files

CDN SPA
(SinglePageApplication)

StaticFile Hosting

3. GetUploadURL Webtoken

4. GetUploadURL Webtoken

1.1 Redirect to login

1.2 Redirect to SPA
with JWT
(JSON Web Token)

Azure Active Directory

General User

5. GenerateUploadURL

Amazon API
Gateway

Generate
UploadURL

Lifecycle Policy
Delete after 30 days

6. Upload AudioFile

7. PutObjectEvent

8. Execute conversion
s3://AudioFiles/key
s3://TextFiles/key

AudioFiles

Convert Audio to
Text

Amazon
Transcribe

9. PutObjectEvent

10. SendMail

TextFiles

Send Mail

Amazon Simple
Email Service
(SES)