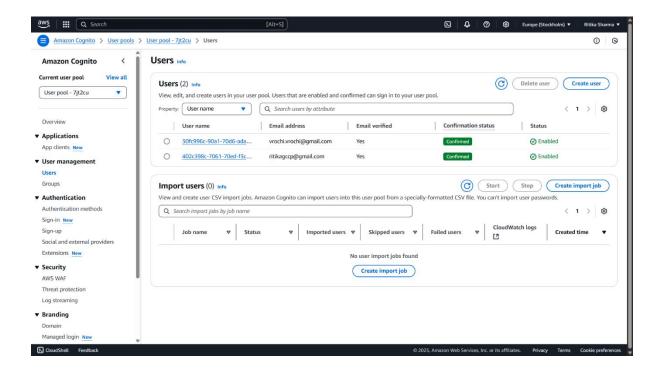
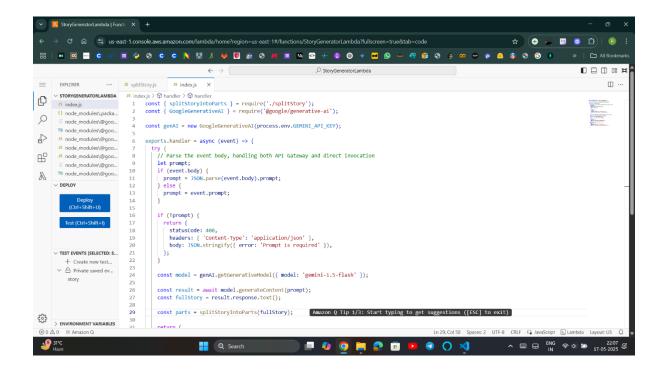
## **Backend Screenshots**



AWS Cognito for authentication.



Lambda for generating stories through Gemini.

```
🖈 🕒 🐷 🔞 🕲 🖆 l 📵 :
      ← → ParseStoryOutput
                                                                                                                                                           ш ...

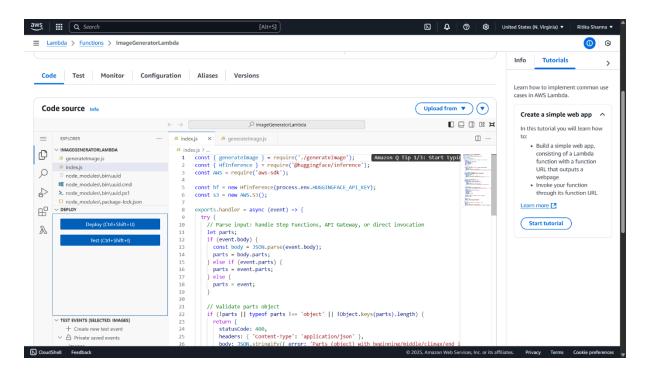
    ≡ EXPLORER

                                       JS index.is X

∨ PARSESTORYOUTPUT

                                        JS index.is > \( \Omega \) handler > \( \Omega \) handle
O
                                                 orts.handler = async (event) => {
                                              {} package.json
Q
₽
                                                B
                                                // Parse the JSON string const parsedBody = typeof body === 'string' ? JSON.parse(body) : body;
\lambda
                                                // Extract parts
                                                   nst parts = parsedBody.parts;
                                                if (!parts || typeof parts !== 'object') {
   throw new Error('Parts object is missing or invalid');
                                                // Return parts object directly
     V TEST EVENTS (SELECTED: PARSE)
                                                  statusCode: 200,
headers: { 'Content-Type': 'application/json' },
body: parts // Direct object, not stringified
      + Create new test event
                                                };
catch (err) {
                                                console.error('Parsing error:', err);
                                                  eturn (
statuscode: 500,
headers: { 'Content-Type': 'application/json' },
headers: { 'Content-Type': 'application/json' },
hodu: NSML stringifu// arrow: 'Esilad to narea etory output' datails: arr massana \\
| In&Colf? Spaces 2 UTF-8 CRLF (} JamaScript \( \substaction \) Lambda
> ENVIRONMENT VARIABLES
⊗ 0 △ 0 II Amazon Q
                                                                             💷 🐠 🧿 📜 🧟 🗊 I
31°C
Haze
                                              Q Search
```

Lambda to parse the story output.



Lambda to generate images using Stable Diffusion 3.5 Large.

```
🌖 🔞 ResumeW - Online LaTeX E 🗴 📗 🔞 Console Home | Console H 🗴 📗 Functions | Lambda
                                                                                                              × | 🔉 ImageGeneratorLambda | | × 🔂 AudioGeneratorLambda | | ×
          C 🖟 us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/AudioGeneratorLambda?fullscreen=true&tab=code
                                                                                                                                                             ☆ 😛 🖷 🔞 🖸 🖆 🛚
                           Ⅲ ...
node_modules\.bin\fxparser.cmd
                                                    const polly = new PollyClient({ region: 'us-east-1' });
const s3 = new AWS.S3();
 A
         node_modules\.bin\uuid
       ■ node_modules\.bin\uuid.cmd
                                                     exports.handler = async (event) => {
                                                       try {

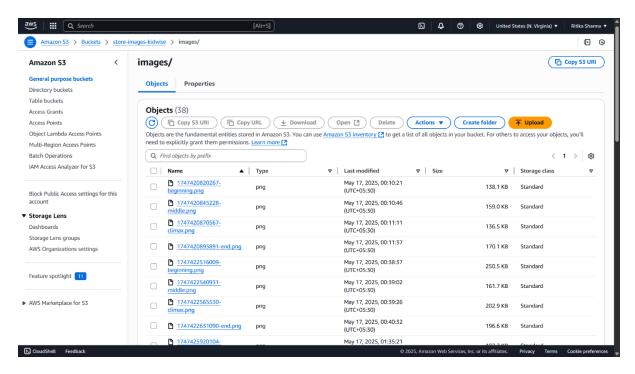
// Parse input: handle Step Functions or direct invocation
8
                                                        // Parse input: handle Step Functions or
let parts;
if (event.body) {
   parts = 350N.parse(event.body).parts;
   else if (event.parts) {
   parts = event.parts;
   }
   else {
 \mathbb{A}
                                                          else {
parts = event;
                                                        // Validate parts object
if (|parts || typeof parts !== 'object' || !Object.keys(parts).length) {
   return {
                                                            headers: ('Content-Type': 'application/json' },
body: JSON.stringify({ error: 'Parts (object) with beginning/middle/climax/end is required' })

✓ △ Private saved events

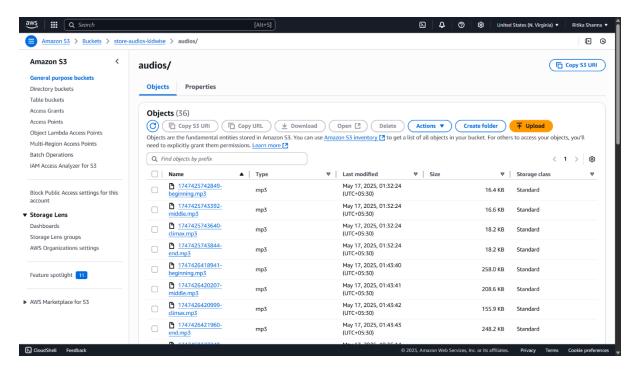
                                                        // Ensure expected keys
const expectedKeys = ['beginning', 'middle', 'climax', 'end'];
const missingKeys = expectedKeys.filter(key => !parts[key]);
if /miscinoxaws_langth > a) /
> ENVIRONMENT VARIABLES

O D A 0 II Amazon Q
                                                      Q Search
                                                                                                                                                           ^  ⊞ ENG
```

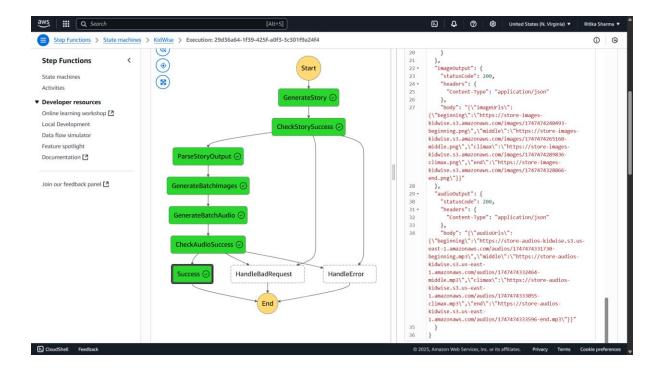
Lambda to generate audio through AWS Polly.



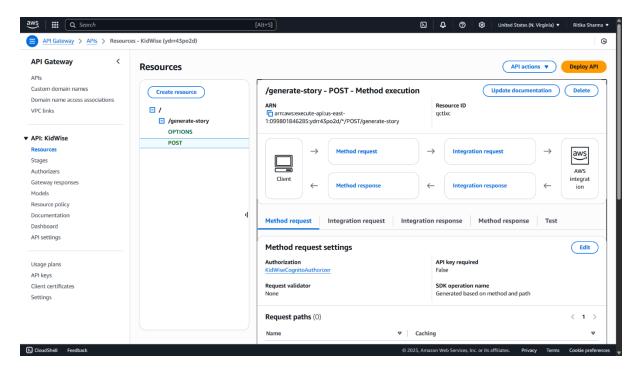
S3 Bucket to store the generated imges.



S3 Bucket to store the generated audio clips.



State Machine to orchestrate the backend pipeline.

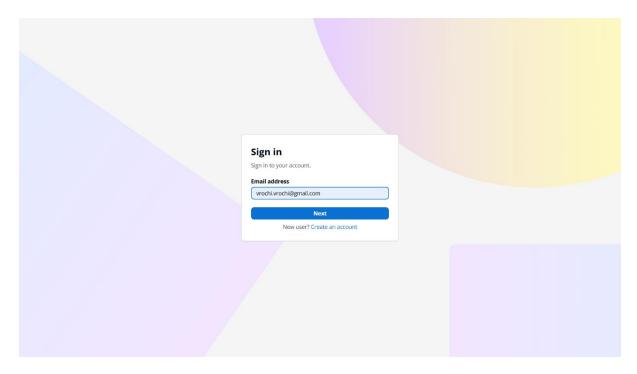


API Gateway to provide a secure endpoint to trigger the Step Functions workflow.

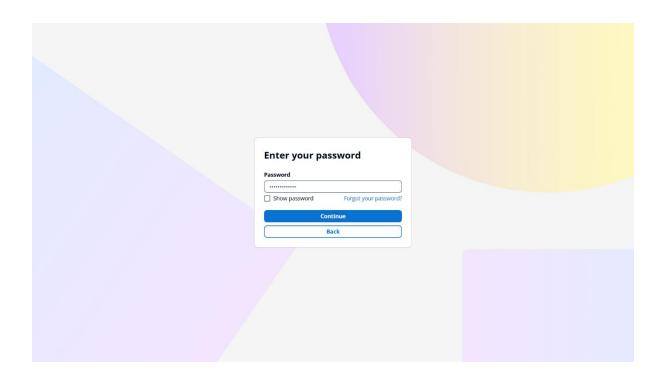
## Frontend Screenshots

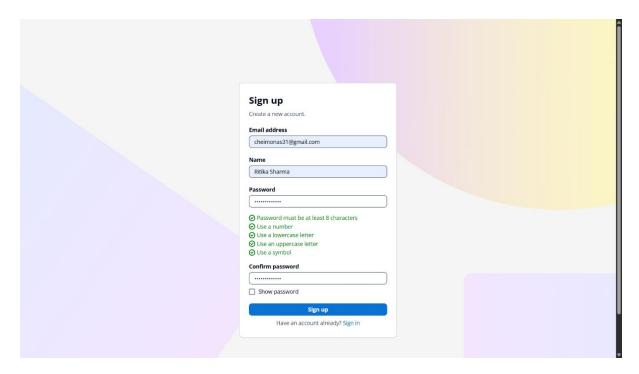


Landing Page for the user.

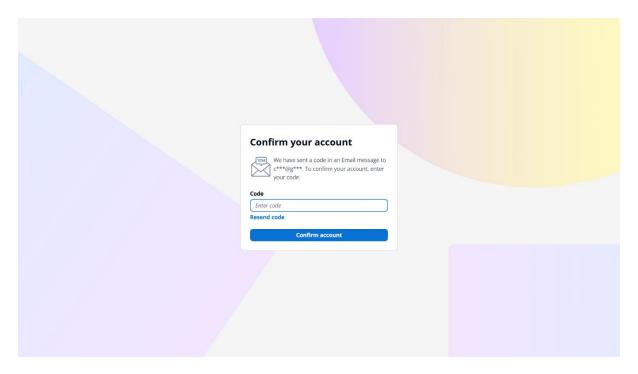


AWS Cognito Sign-in page.

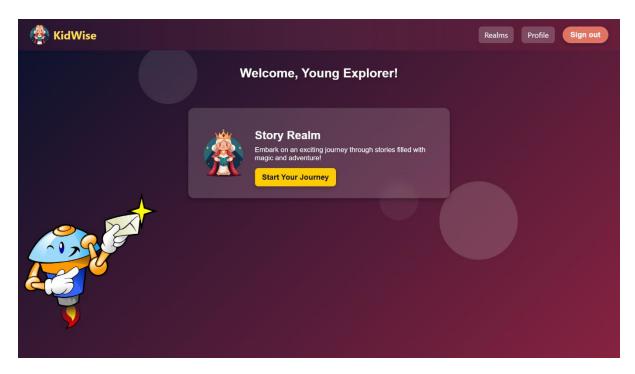




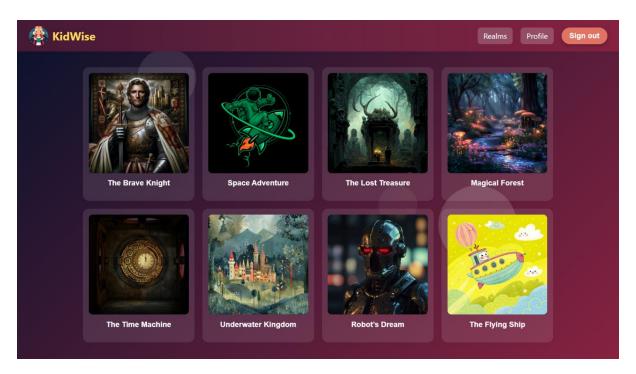
AWS Cognito Sign-up page.



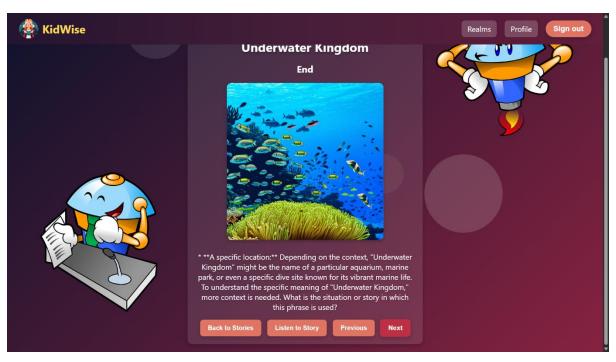
AWS Cognito confirmation page.

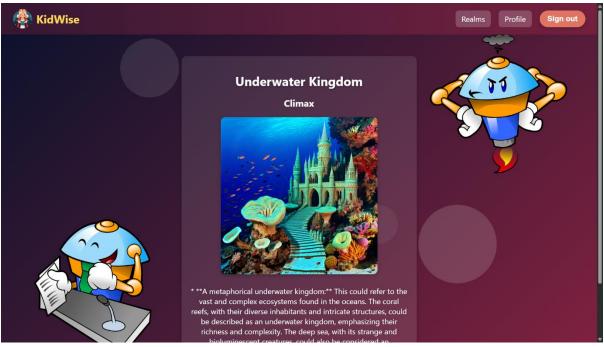


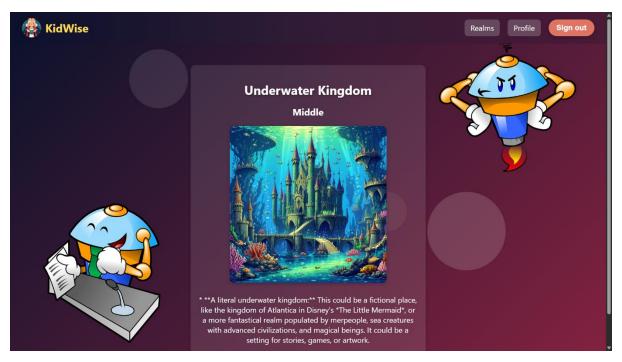
Home Page, where the user can start the journey.

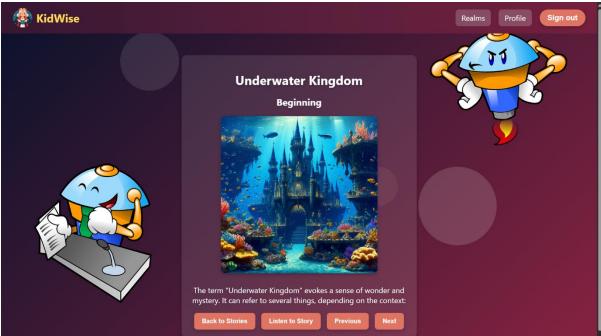


Story Selection Page, to select a story from the provided options.









Story Display page, to display the four parts of the story with the four images and the audio clips for each.