

AWS App Studio 사용후기 - 박태성



발표자 소개

박태성 - 아이디어샘



AWS Community Hero
AWSKRUG Slack @geoseong
former **React & node.js & React-native**
currently **Unity 2D Gaming**

발표자 소개
AWS App Studio란?
프로젝트 생성 전 해야 할 것들 
프로젝트 생성
기본정보 세팅
AI와 상담
프로젝트 작업
Preview Mode & Debugging
Connectors
Ask AI
주요 요소
Pages
Automations
Data
App settings - End app roles
배포하기
접근유저 및 권한 관리하기
아쉬운 점
매뉴얼
Development 모드는 실제 서비스와 연결안됨
파라미터 사용 가이드 불친절 및 버그
휘발성 Ask AI
컴포넌트 레이아웃 배치 다양성 부족
좌측 사이드바 컴포넌트 빠른 메뉴 기능 미비
매우 느린 로딩 속도
유저관리를 수작업으로 해야

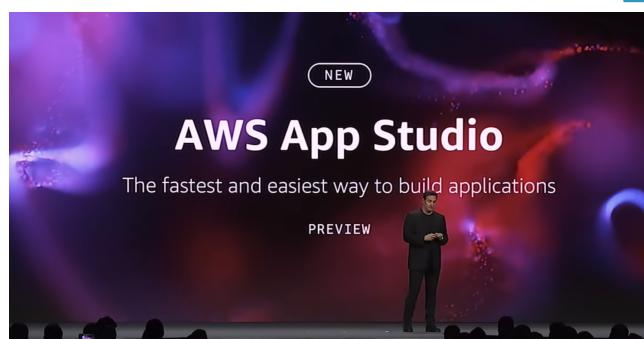
AWS App Studio란?

▼ 2024 AWS Summit New York 때 소개

<https://www.youtube.com/watch?v=tCT5hnxeuhA>

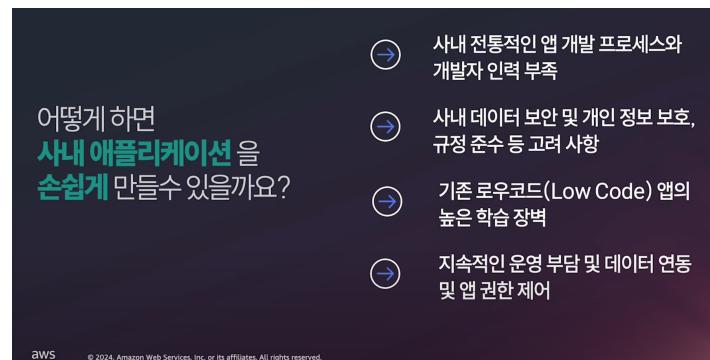
AWS App Studio, 자연어 기반 엔터프라이즈급 애플리케이션 구축 도구 (미리보기) | Amazon Web Services

클레임 처리, 재고 추적, 프로젝트 승인과 같은 영역에서 비즈니스 문제를 해결하는 데 어려움을 겪는 조직이 많습니다. 맞춤형 비즈니스 애플리케이션은 이러한 문제를 해결하고 조직이 보다 효과적으로 업무를 수행하는 데 도움이 되는 솔루션을 제공할 수 있지만, 지금까지 이런 애플리케이션을 구축하고 유지 관리하려면 전문 개발 팀이 필요했습니다. 하지만 개발 역량을 갖출 수 없  <https://aws.amazon.com/ko/blogs/korea/build-custom-business-applications-without-cloud-expertise-using-aws-app-studio-preview/>



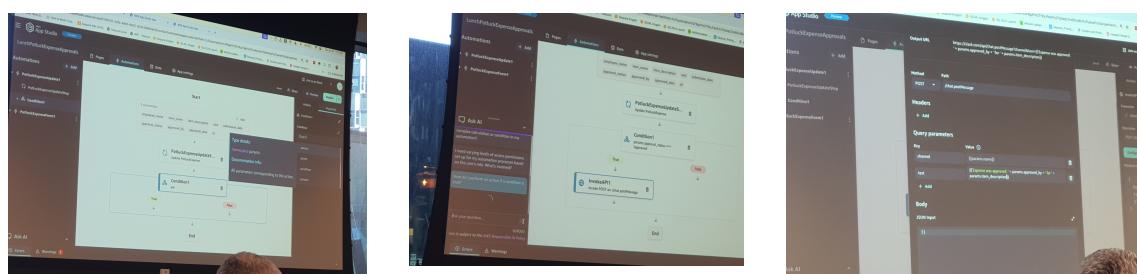
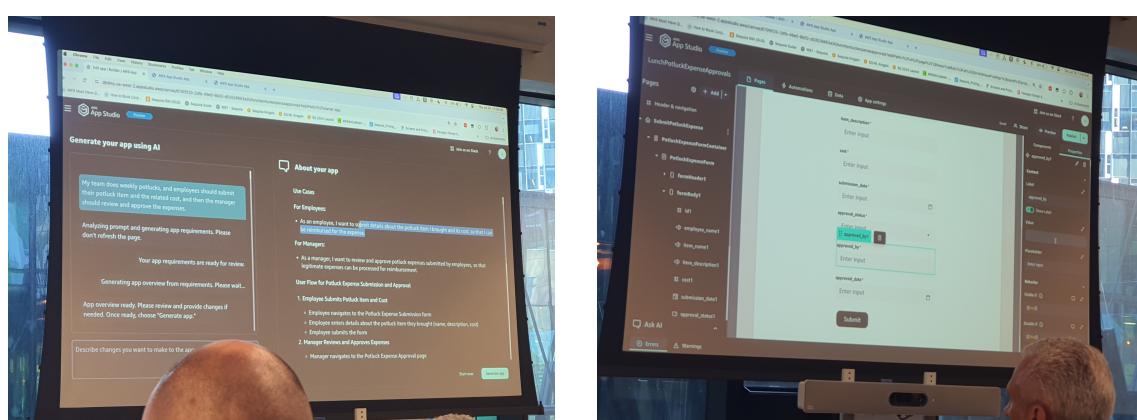
▼ Channy Yun 유튜브에 소개

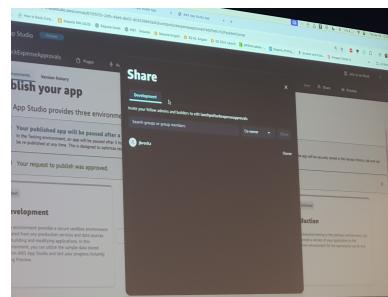
<https://www.youtube.com/watch?v=bUCHfoyMYis>



▼ Heroes Summit 세션에 소개

App Studio 세션





▼ 가격

Generative AI-powered, low-code application builder – AWS App Studio Pricing – AWS

View the pricing information for AWS App Studio—a generative AI-powered, low-code application building service. Start building business applications, without software development skills, in minutes.

<https://aws.amazon.com/ko/appstudio/pricing/>



Builder Free	Published applications \$0.25/user hour
You can access the App Studio visual building environment to create, test, and manage apps for free.	You will be charged based on your consumption for the published apps of \$0.25/user hour. Free trial: We offer a 60-day free trial or 250 free user hours.

▼ Amplify Studio랑 차이가 뭔데?

App Studio	Amplify Studio
사내 웹앱 개발	퍼블릭 웹앱 개발
자체 UI 템플릿	Figma와 연계한 UI 템플릿
로우코드(최소한 코딩)	컴포넌트 코드 자동 생성
AI가 아키텍처 자동으로 만들어줌	아키텍처 쉽게 만들 수 있게 도와줌
콘솔상에서 바로 배포	Amplify Hosting 이용 혹은 직접 배포

[Amplify 세션 및 데모영상]

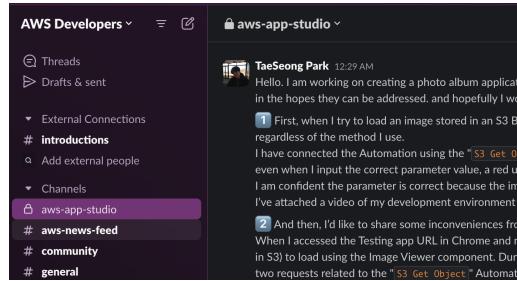
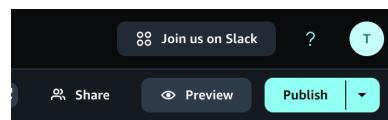
<https://www.youtube.com/watch?v=OicGlaHxM-I>





▼ AWS App Studio 개발팀과 티키타카 가능

AWS Developers 슬랙 채널

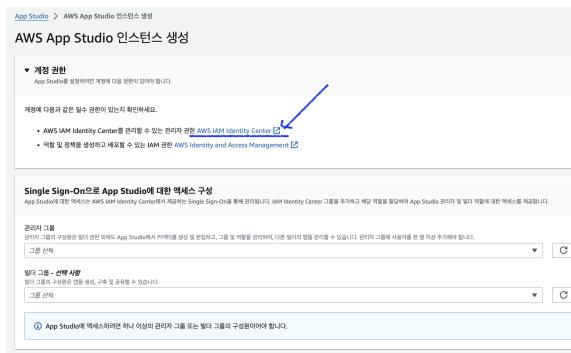


프로젝트 생성 전 해야 할 것들 💦💦

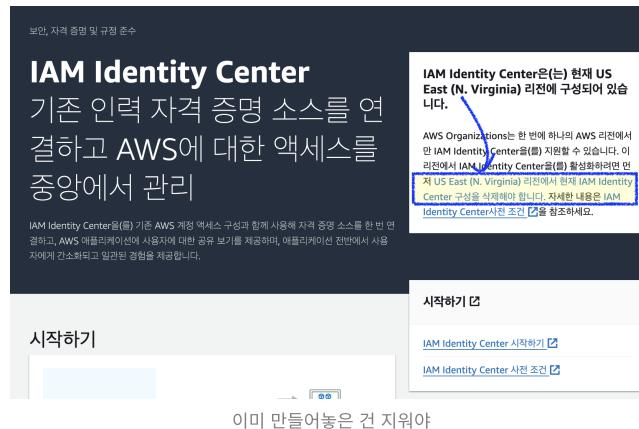
▼ AWS IAM Identity Center 활성화

AWS App Studio는 [AWS IAM Identity Center](#)와 통합되므로, 기존 Single Sign-On(SSO) 및 Lightweight Directory Access Protocol(LDAP)과 유연하게 통합하여 액세스를 더 쉽게 보호할 수 있습니다

IAM Identity Center 세팅 - App Studio 사용 계정 세팅



AWS App Studio 인스턴스 생성



그룹 생성

그룹 세부 정보

그룹 이름: test
최대 128자
설명 - 선택 사항: 이 그룹에 할당된 권한을 자세히 설명하는 그룹 설명입니다.
설명 입력
최대 256자

그룹에 사용자 추가 - 선택 사항 (0)
이 그룹에 추가할 인증 사용자를 선택합니다.
사용자 이름: Q. 사용자 찾기
상태: 사용자 이름 | 표시 이름 | MFA 디바이스 | 생성자
사용자를 찾을 수 없음
사용자 추가

취소 **그룹 생성**

IAM Identity Center

AWS Organizations는 한 번에 하나의 AWS 리전에서 IAM Identity Center를(들) 지원할 수 있습니다. 이 리전에서 IAM Identity Center(들) 활성화하려면 먼저 US East (N. Virginia) 리전에서 현재 IAM Identity Center 구성과 동일하게 합니다. 자세한 내용은 IAM Identity Center 시작 조건을 참조하세요.

시작하기

IAM Identity Center 시작하기 | IAM Identity Center 사전 조건

▼ App Studio 인스턴스 세팅 마무리

App Studio SSO 세팅

Single Sign-On으로 App Studio에 대한 액세스 구성
App Studio에 대한 액세스는 AWS IAM Identity Center에서 제공하는 Single Sign-On을 통해 관리됩니다. IAM Identity Center 그룹을 추가하고 해당 역할을 할당하여 역할에 대한 액세스를 제공합니다.

관리자 그룹
관리자 그룹의 구성원은 빌더 권한 외에도 App Studio에서 커넥터를 생성 및 편집하고, 그룹 및 역할을 관리하여, 다른 빌더의 업무를 관리할 수 있습니다. 관리자 그룹에 사용자는 없습니다.

그룹 선택: Q. 그룹 찾기
선택: test
빌더 그룹 - 선택 사항
빌더 그룹의 구성원은 업무 생성, 구축 및 공유할 수 있습니다.
그룹 선택

관리자 그룹 선택

Single Sign-On으로 App Studio에 대한 액세스 구성
App Studio에 대한 액세스는 AWS IAM Identity Center에서 제공하는 Single Sign-On을 통해 관리됩니다. IAM Identity Center 그룹을 추가하고 해당 역할을 할당하여 다른 역할에 대한 액세스를 제공합니다.

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그룹 선택: Q. 그룹 찾기
선택: test
빌더 그룹 - 선택 사항
빌더 그룹의 구성원은 업무 생성, 구축 및 공유할 수 있습니다.
그룹 선택

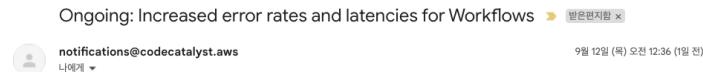
(i) App Studio에 액세스하려면 빌더 이상의 관리자 그룹 또는 빌더 그룹의 구성원이어야 합니다.

빌더 그룹 선택

설정 진행 중
설정은 최대 30분이 걸릴 수 있습니다. 다시 돌아와서 설정 상태를 확인해 주세요.
10개 중 10개 단계 남음

[App Studio](#) > AWS App Studio 인스턴스 생성

마무리까지 매우 오래걸림



Ongoing: Increased error rates and latencies for Workflows

System incident is ongoing for your space appstudio-space [REDACTED]

[View Update](#)

Full history:

[September 05, 2024 at 8:27 AM PDT]
We are continuing to investigate intermittent errors in the US-WEST-2 and EU-WEST-1 regions.

[September 03, 2024 at 6:52 AM PDT]
We are continuing to investigate intermittent errors in the US-WEST-2 and EU-WEST-1 regions.

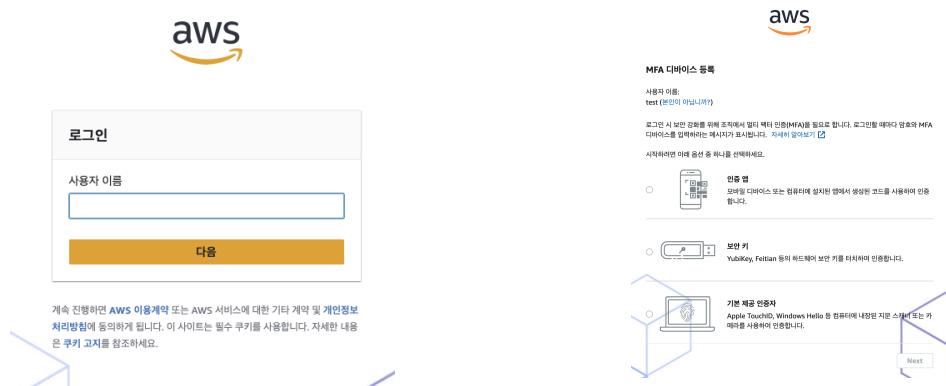
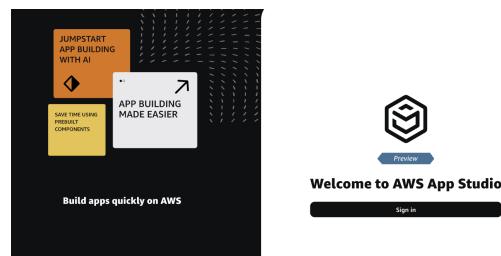
[August 29, 2024 at 7:54 AM PDT]
We are continuing to investigate intermittent errors in the US-WEST-2 and EU-WEST-1 regions.

[August 27, 2024 at 6:57 AM PDT]
We are continuing to investigate intermittent errors in the US-WEST-2 and EU-WEST-1 regions.

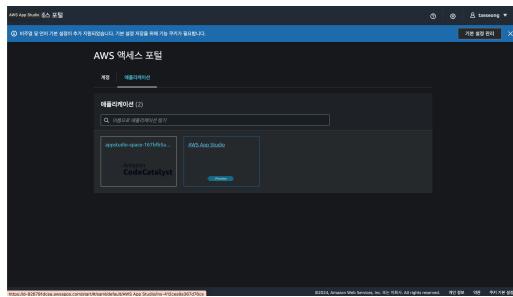
[August 26, 2024 at 7:40 AM PDT]
We are continuing to investigate intermittent errors in the US-WEST-2 and EU-WEST-1 regions.

▼ App Studio 콘솔에 로그인

SignIn-MFA



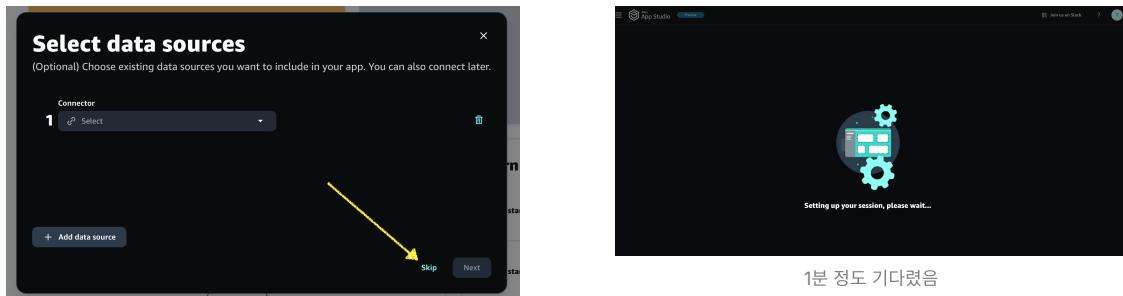
SignIn-Done



프로젝트 생성

▼ 튜토리얼 비디오 - AI 프롬프트로 앱 만드는 설명은 아님

▼ 기본정보 세팅



S3, Dynamodb 앱 생성 이후에도 만들 수 있으니 Skip

▼💡 Data Source - Connector

AWS connectors

Connect to AWS services.

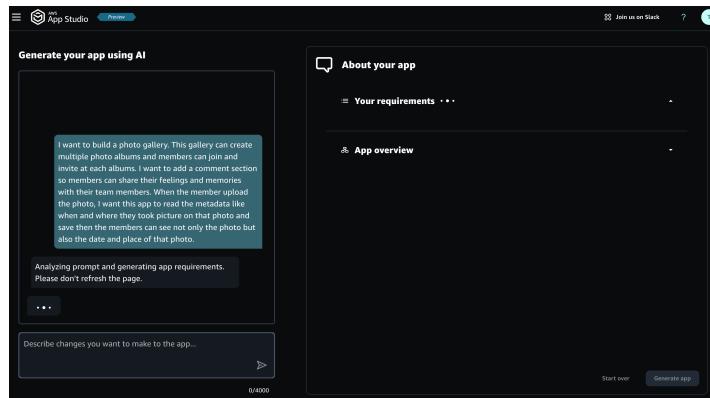
Amazon Aurora Instantly integrate the performance of Aurora into your apps	Amazon DynamoDB Seamlessly integrate your NoSQL data with our DynamoDB connector
Amazon Redshift The fastest route between your apps and Amazon Redshift	Amazon S3 Seamlessly manage files and accelerate S3 workflows with our intuitive S3 connector
Other AWS services 200+ services, 1 connector - integrate any AWS service with your applications easily	

External connections

Connect to a third-party service.

API Connector Tap into unlimited capabilities by connecting to any API	OpenAPI Connector Accelerate app development with easy OpenAPI integration
Salesforce Connect your apps with Salesforce using our curated OpenAPI spec.	

▼ AI와 상담



About your app

Your requirements

Use Cases

- As a user, I want to create multiple photo albums to organize my photos by events or themes.
- As a user, I want to invite friends or family members to join my photo albums so we can share memories together.
- As a user, I want to upload photos to an album and have the app automatically extract and display metadata like date and location for each photo.
- As a user, I want to add comments on photos within an album to share thoughts, feelings, or stories related to those photos.
- As a user, I want to view comments left by other members on photos in an album to see their perspectives and memories.

User Flow

- User navigates to the photo gallery home page
- User can view a list of existing photo albums
- User can create a new photo album
- User can join an existing photo album
- User can invite other members to join a photo album
- Within an album, user can view all photos uploaded by members

Start over Generate app

About your app

Your requirements

App overview

Data Sources

- Name: Album**
 - Fields:
 - id (integer)
 - name (string)
 - description (text)
 - created_at (datetime)
 - updated_at (datetime)
 - Relationships:
 - AlbumMember
- Name: Photo**
 - Fields:
 - id (integer)
 - album_id (integer, foreign key to Album)

Start over Generate app

About your app

App overview

App Summary

The PhotoGallery application is a photo management and sharing platform that allows users to create and manage photo albums, upload and view photos, and leave comments on photos. The app provides a centralized hub for users to organize, share, and discuss their photos with others.

Key Features

- Album Management:** Users can create, view, and edit photo albums. Each album has a name, description, and metadata about when it was created and updated.
- Photo Uploading and Viewing:** Users can upload photos to specific albums, and view details about each photo including the file path, caption, and metadata.
- Photo Commenting:** Users can leave comments on individual photos, which are stored and displayed alongside the photo details.
- User Roles and Permissions:** The AlbumMember entity tracks which users are associated with each album and their role (e.g. owner, contributor), allowing for access control and collaboration.

Usage

The typical user workflow for the PhotoGallery app is as follows:

- View Album List:** On the home page, users can see a list of all the photo albums they have access to.
- Create a New Album:** Users can click a "Create New Album" button to add a new album to the system.
- View Album Details:** Clicking on an album in the list will take the user to the album details page, where they can see all the photos in the album, as well as details about the album itself.
- Upload Photos:** From the album details page, users can click a "Upload Photo" button to add new photos to the album.
- View Photo Details:** Clicking on a photo in the album will take the user to the photo details page, where they can see the photo's caption, metadata, and any comments left by other users.
- Leave Comments:** On the photo details page, users can add new comments about the photo.

The app provides a structured way for users to organize, share, and discuss their photo collections with others.

Start over Generate app

About your app

• User invites other members to join their albums. Each member can have different roles assigned to each album and their role (e.g. owner, contributor), allowing for access control and collaboration.

Usage

The typical user workflow for the PhotoGallery app is as follows:

- View Album List:** On the home page, users can see a list of all the photo albums they have access to.
- Create a New Album:** Users can click a "Create New Album" button to add a new album to the system.
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- Leave Comments:** On the photo details page, users can add new comments about the photo.

The app provides a structured way for users to organize, share, and discuss their photo collections with others.

Start over Generate app

아키텍처 수정 요청

Generate your app using AI

Analyzing prompt and generating app requirements. Please don't refresh the page.

Your app requirements are ready for review.

Generating app overview from requirements. Please wait...

App overview ready. Please review and provide changes if needed. Once ready, choose "Generate app."

Can you add one more thing to "Use Cases"? "As a user, I can edit the metadata of data and date"

96/4000

About your app

Your requirements

Use Cases

- As a user, I want to create multiple photo albums to organize my photos by events or themes.
- As a user, I want invite friends or family members to join my photo album so we can share memories together.
- As a user, I want to upload photos to an album and have the app automatically extract and display metadata like date and location for each photo.
- As a user, I want to edit the meta-data (date, location) for photos in case the automatically extracted information is incorrect.
- As a user, I want to add comments on photos within an album to share thoughts, feelings, or stories related to those photos.
- As a user, I want to view comments left by other members on photos in an album to see their perspectives and memories.

About your app

display metadata like date and location for each photo

- As a user, I want to edit the metadata (date, location) for photos in case the automatically extracted information is incorrect.
- As a user, I want to add comments on photos within an album to share thoughts, feelings, or stories related to those photos.
- As a user, I want to view comments left by other members on photos in an album to see their perspectives and memories.

User Flow

- User navigates to the photo gallery home page
- User can view a list of existing photo albums
- User can create a new photo album
- User can join an existing photo album
- User can invite other members to join a photo album
- Within an album, user can view all photos uploaded by members
- User can upload a new photo to the album
- User can view metadata (date, location) for each uploaded photo
- User can edit the metadata (date, location) for each uploaded photo
- User can add comments on photos within an album
- User can view comments left by other members on photos in an album

Data Sources

About your app

Usage

The typical user workflow for the PhotoGallery app is as follows:

1. **View Album List:** On the home page, users can see a list of all the photo albums they have access to.
2. **Create a New Album:** Users can click a "Create New Album" button to add a new album to the system.
3. **View Album Details:** Clicking on an album in the list will take the user to the album details page, where they can see all the photos in the album, as well as details about the album itself.
4. **Upload Photos:** From the album details page, users can click an "Upload Photo" button to add new photos to the album.
5. **View Photo Detail:** Clicking on a photo in the album will take the user to the photo details page, where they can see the photo's caption, metadata, and any comments left by other users.
6. **Edit Photo Metadata:** From the photo details page, users can click an "Edit Metadata" button to edit the metadata associated with the photo.
7. **Leave Comments:** On the photo details page, users can add new comments about the photo.

The app provides a comprehensive set of features for users to manage, share, and discuss their photo collections with others, with robust permissions and metadata management capabilities.

Start over **Generate app**

About your app

Check out this quick video tutorial.

Your app is ready!

Preview app **Edit app**

프로젝트 작업

▼ Preview Mode & Debugging

Upload Photo

album_id* Enter input

user_id* Enter input

file_path* Enter input

caption* Enter input

metadata* Enter input

uploaded_at* Enter input

Properties

Content

Label: file_path

Show Label:

Value:

Placeholder: Enter input

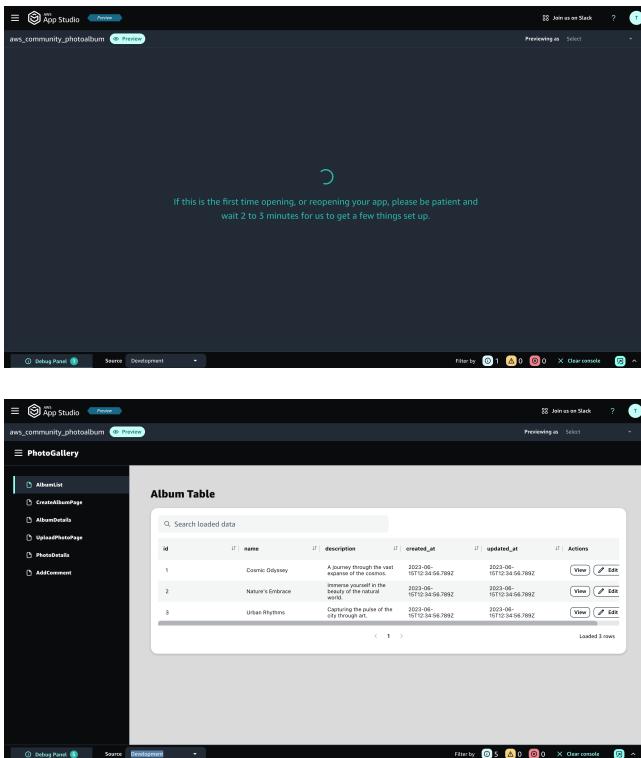
Behaviors

Visible If:

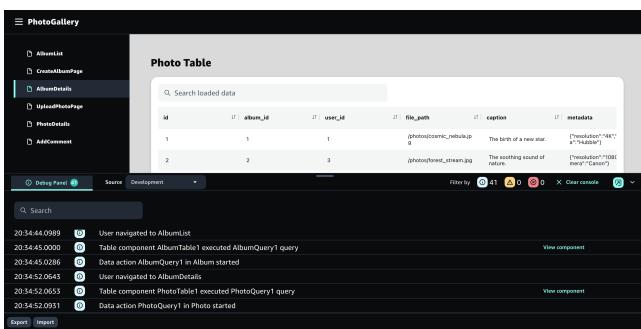
Disable If:

Validate:

Validations: + Add



Preview - Bottom Debug Panel



Debug Panel

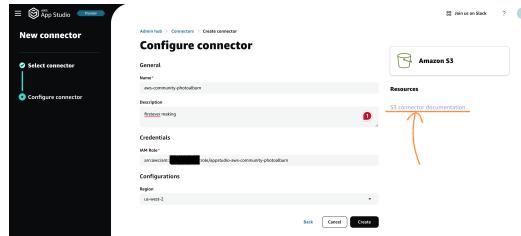
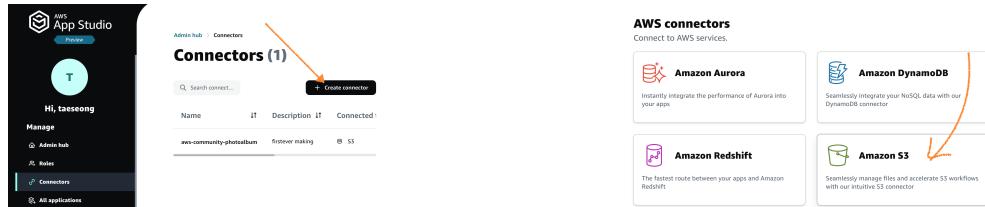
▼ Connectors

커넥터는 App Studio와 AWS Lambda 및 Amazon Redshift와 같은 다른 AWS 서비스 또는 타사 서비스 간의 연결입니다. 커넥터가 생성되고 구성되면 빌더는 해당 커넥터와 App Studio에 연결된 리소스를 애플리케이션에서 사용할 수 있습니다.

Connect App Studio to other services with connectors - AWS App Studio

Insert abstract text

<https://docs.aws.amazon.com/appstudio/latest/userguide/connectors.html>

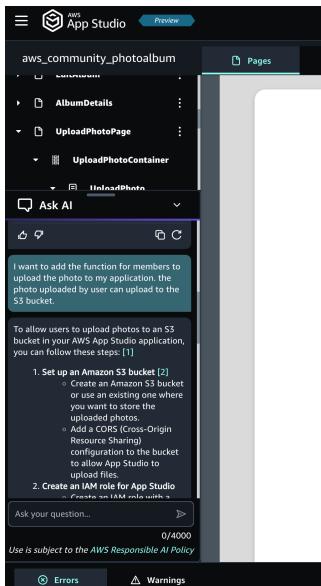


우측 가이드 보고 그대로 따라하기

The collage illustrates the process of connecting AWS App Studio to Amazon S3. It shows the 'Create connector' step in AWS App Studio, the configuration steps in the 'Configure connector' wizard, and the detailed documentation provided by the Amazon S3 service.

This screenshot shows the 'Components' tab in AWS App Studio for the 'aws-community-photoalbum' application. It highlights the 's3Upload1' component and its configuration, specifically setting the 'Connector' to 'aws-community-photoalbum'.

▼ Ask AI

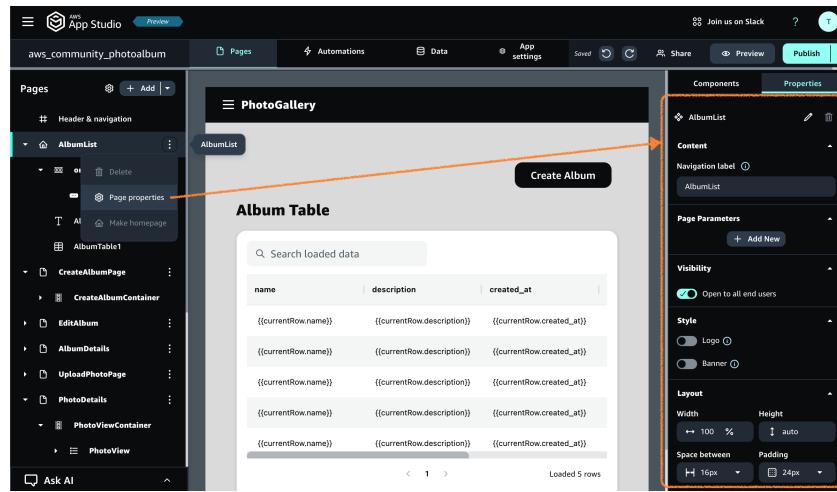


주요 요소

▼ Pages

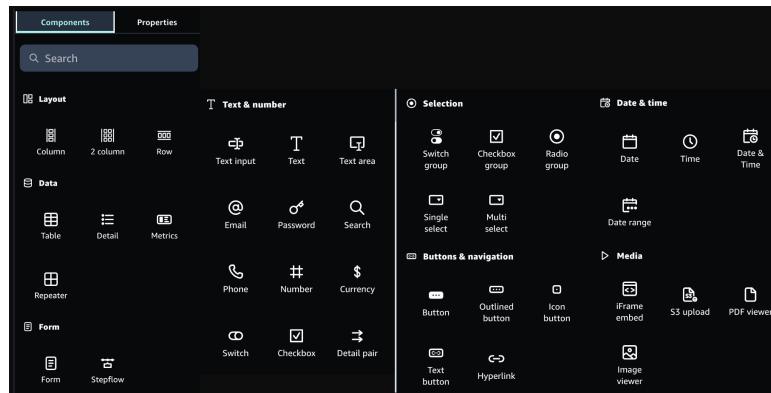
▼ Header & navigation

▼ Page Properties

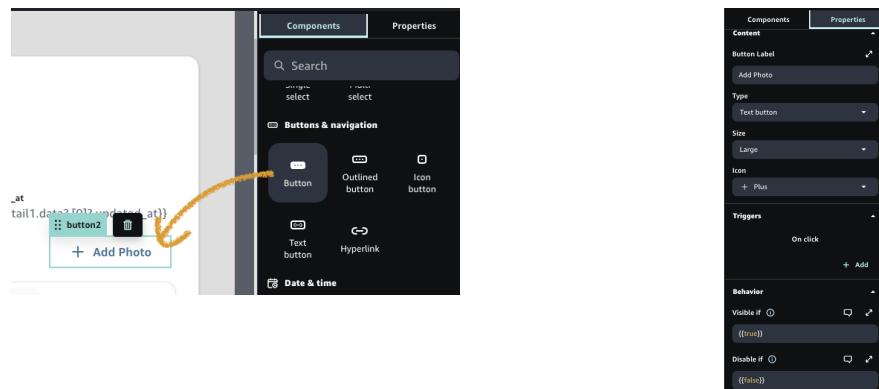


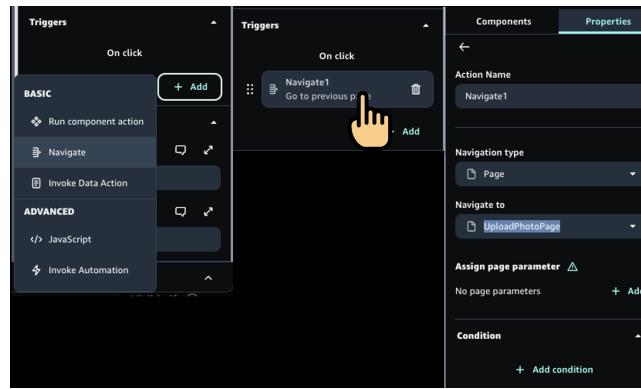
▼ Components

▼ Component 종류



▼ Button



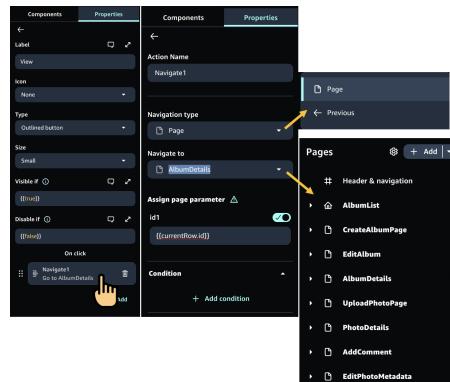


▼ Table 및 컴포넌트 Properties

This screenshot shows the 'PhotoGallery' screen. A table component, 'AlbumTable1', is highlighted with an orange box. To the right, the 'Components' panel is open for 'AlbumTable1', showing properties like 'Rows per page: 20' and 'Actions: View, Edit'. A yellow hand icon points to the 'Edit' button in the table's row actions. Another yellow arrow points from the table to the 'Actions' section of the properties panel.

컬럼 속성

This screenshot shows the 'PhotoGallery' screen with the same table component. The 'Components' panel is open for 'AlbumTable1', specifically focusing on the 'Columns' section. A yellow box highlights the 'Actions' column, which contains 'View' and 'Edit' buttons. A yellow hand icon points to the 'Edit' button. Another yellow arrow points from the 'Actions' column to the 'Actions' section of the properties panel.

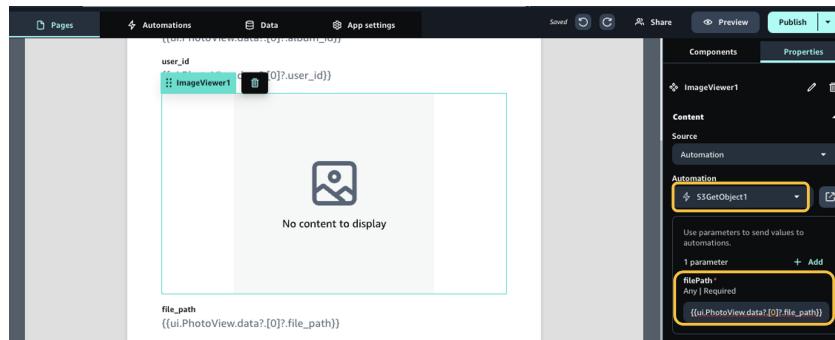


▼ Form

▼ S3 upload

https://prod-files-secure.s3.us-west-2.amazonaws.com/7ef48159-4bf6-4eed-b3f6-bddfe500121d/03b584e8-077a-49bb-aa67-587011743f71/s3upload_connector.mp4

▼ Image Viewer



javascript expressions 사용해서 페이지 ui에 있는 컴포넌트에 접근, 컴포넌트의 값을 S3GetObject1 Automation Action에 파라미터 주입하는 모습.

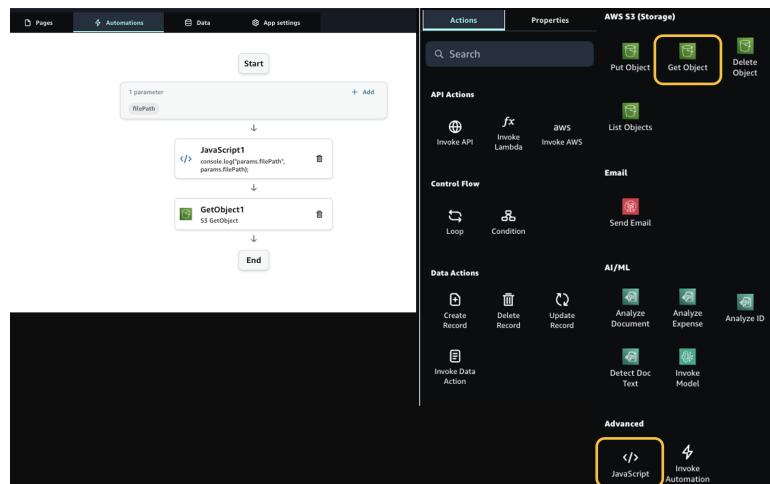
▼ Automations

Autmation은 애플리케이션의 비즈니스 로직을 정의하는 방법입니다. Autmation의 주요 구성 요소는 Autmation을 시작하는 트리거, 하나 이상의 작업 시퀀스, 데이터를 자동화에 전달하는 입력 매개변수, 그리고 출력값입니다.

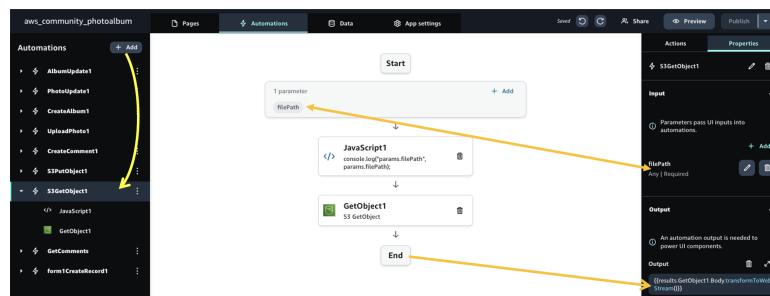
Defining and implementing your app's business logic with automations - AWS App Studio

Insert abstract text

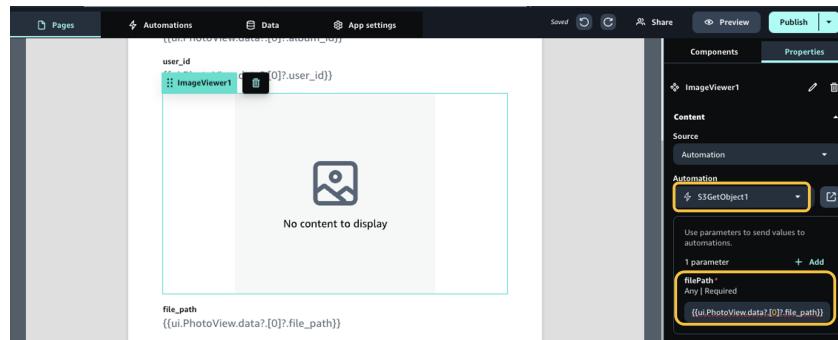
<https://docs.aws.amazon.com/appstudio/latest/userguide/automations.html>



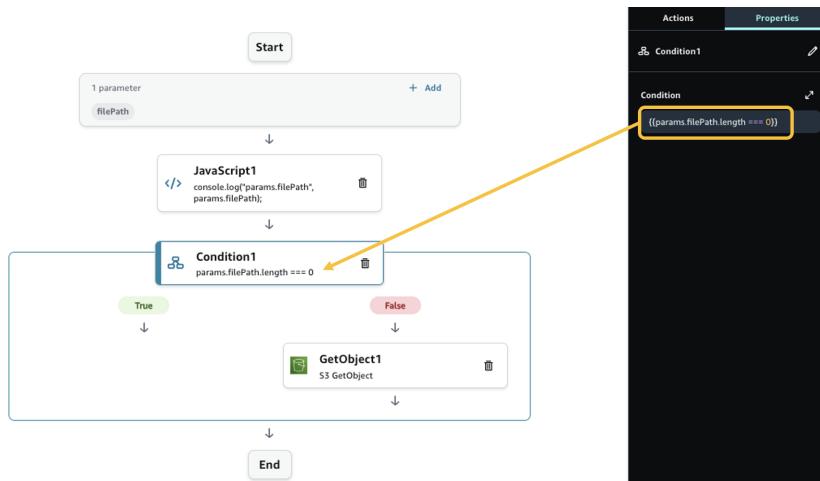
Actions 종류



파라미터, 아웃풋 설정(javascript expressions 사용)



javascript expressions 사용해서 페이지 ui에 있는 컴포넌트에 접근, 컴포넌트의 값을 S3GetObject1 Automation Action에 파라미터 주입하는 모습.



Condition Action 사용한 모습. javascript expressions 사용하여 참거짓 판별하여 선택적 Action 수행 가능

▼ Data

Entity는 App Studio의 데이터 테이블입니다. **Entity**는 데이터 소스의 테이블과 직접 상호 작용합니다. **Entity**에는 데이터를 설명하는 필드, 데이터를 찾아 반환하는 쿼리, 엔터티의 필드를 데이터 소스의 열에 연결하는 매팅이 포함됩니다.

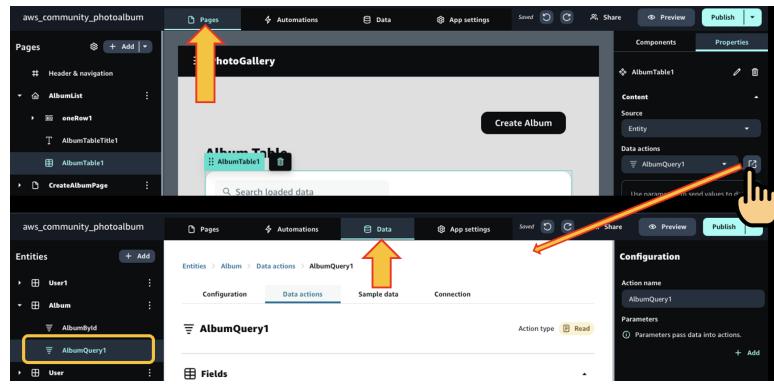
* Entity: Data 탭에서 테이블 하나를 지칭하는 단위. DynamoDB 테이블

Configure your app's data model with entities - AWS App Studio

Insert abstract text



<https://docs.aws.amazon.com/appstudio/latest/userguide/data.html>



Pages 탭에서 테이블 컴포넌트에 해당하는 Entity의 Data actions를 보기 위해 Data 탭으로 이동

Configuration 탭: 필드 추가 및 수정 가능.

Entities > Album

Configuration Data actions Sample data Connection

Sample data is used in Preview to test drive your app. You can add up to 500 rows of mock data; it will not be published with your application.

	id	name	description	created_at	updated_at
□	1	Cosmic Odyssey	A journey through the vast expanse o	2023-06-15T12:34:56.789Z	2023-06-15T12:34:56.789Z
□	2	Nature's Embrace	immerse yourself in the beauty of the	2023-06-15T12:34:56.789Z	2023-06-15T12:34:56.789Z
□	3	Urban Rhythms	Capturing the pulse of the city throu	2023-06-15T12:34:56.789Z	2023-06-15T12:34:56.789Z
□	476746235	version1	hello	2024-10-12T14:20:34.719Z	2024-10-12T14:20:34.719Z
□	882678788	h2	jj	2024-10-12T14:21:38.182Z	2024-10-12T14:21:38.182Z

Sample data 탭: 자동으로 샘플 데이터 생성 가능.

aws_community_photoalbum

Entities + Add

- User1
- Album
 - AlbumByld
 - AlbumQuery1
- User
- Comment
- AlbumMember
- Photo

Data Pages Automations Data App settings Save AI Share Preview Publish

Connector detail

Connector name AppStudioManagedStorage-DynamoDb-Connector

Connector description AWS App Studio Managed Storage Connector to connect to DynamoDB

DynamoDB > Tables

Tables (6) Info

Name	Status	Partition key
AppStudioManagedStorage_Album_34e062f0	Active	id (N)
AppStudioManagedStorage_AlbumMember_61a87f5a	Active	id (N)
AppStudioManagedStorage_Comment_79e9956b	Active	id (N)
AppStudioManagedStorage_Photo_31a62a72	Active	id (N)
AppStudioManagedStorage_User_f2be2fd7	Active	id (N)

Connection 탭: App Studio AI가 자동으로 생성한 DynamoDB 커넥터가 App Studio 앱에서 정의된 Entity를 실제 DynamoDB테이블에 정의시켜놓은 모습

Components Properties

AlbumTable1

Content

Source Entity

Data actions

AlbumQuery1

Use parameters to send values to data actions.
No parameters + Add

Columns

- id
- name
- description
- created_at
- updated_at

+ Add

Components Properties

Format 123 Integer

Column label id

Use linked data attribute display name

Value {{currentRow.id}}

Enable sorting

Components Properties

Album

AlbumByld

AlbumQuery1

User

Comment

AlbumMember

Photo

Entities + Add

Pages Automations Data App settings

Album

Configuration Data actions Sample data Connection

Name Entity name Album

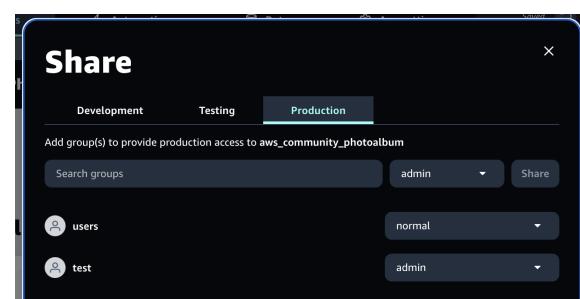
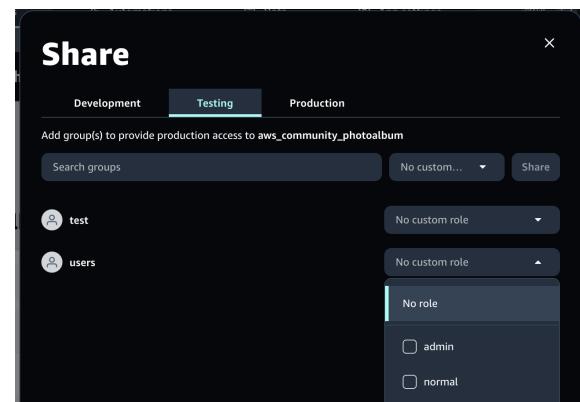
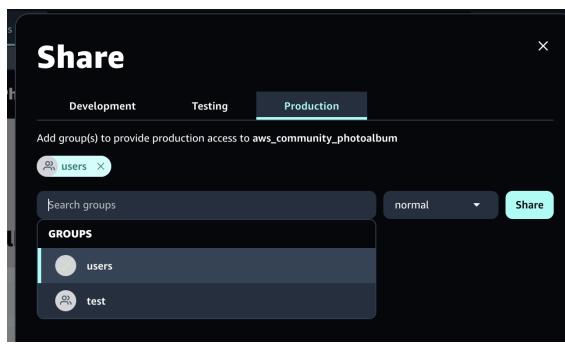
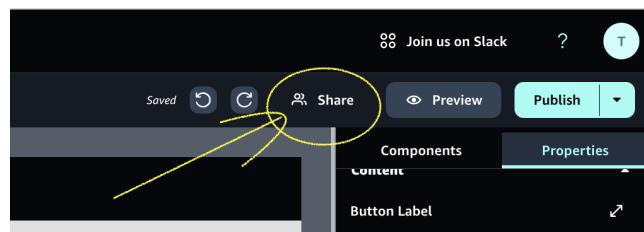
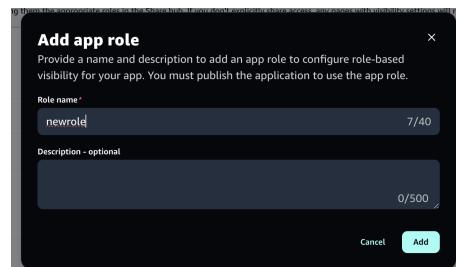
Fields Fields represent columns of your entity and are used to describe the data stored in it. For example, you might use Name and Address fields for an entity that stores customer information.

Display name	System name	Data type
id	id	Integer
name	name	String
description	description	String

▼ App settings - End app roles

aws_community_photoalbum		Pages	Automations	Data	App settings	Saved	Share	Preview	Publish
End app roles									
Unlock personalized app experiences with role-based visibility <ul style="list-style-type: none"> The roles you create here control access to specific pages within your app. By assigning roles, you can determine which users can view or interact with certain pages. When you create or modify roles, the changes will take effect after you publish your app. After publishing your app, you'll need to grant access to users by assigning them the appropriate roles in the Share hub. If you don't explicitly share access, any pages with visibility settings will remain hidden from users who don't have the required roles assigned. 									
Role name	Description	Date created	Last modified						
admin	-	2024. 10. 13. 오전 12:21:20	2024. 10. 13. 오전 12:36:50						
normal	-	2024. 10. 13. 오전 12:36:55	2024. 10. 13. 오전 12:36:55						

Role 설정은 여기서. 새로 추가한 Role은 배포 후 브라우저 새로고침 해야지 Share 창에서 확인 가능

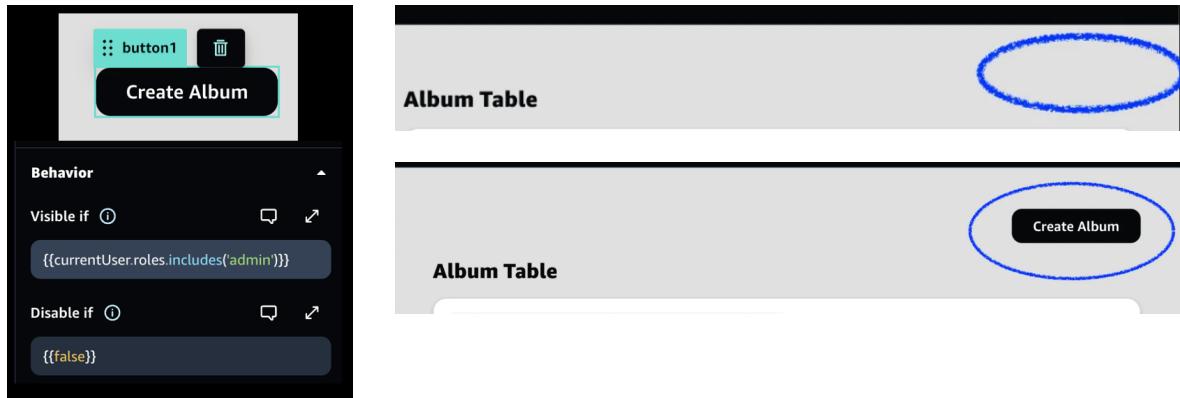


우측상단 Share 들어감 → App settings에서 app role 세팅한 것이 드롭다운으로 보임



새로 추가된 Role은 앱 배포 후 App Studio 에디터 브라우저 새로고침 해야 확인 가능

배포 레벨인 Development / Testing / Production 탭 별로 유저에게 각기다른 app role 부여 가능



배포 된 이후의 App Role 적용은 변경사항 배포 할 필요 없이 곧바로 적용됨



페이지 단위로 설정



▼ 배포하기

Publish your updates

You are about to publish your app from development to production. The publishing process will take up to 15 minutes to complete.

Development

This environment provides a secure sandbox environment isolated from any production services and data sources for building and modifying applications. In this environment, you can utilize the sample data stored within AWS App Studio and test your progress instantly using Preview.

Testing

Once your initial app development is complete, you can publish to the testing environment. Here you can connect to any live production data sources, test integrations, and perform comprehensive testing including user acceptance testing (UAT) by providing access to end users. Your initial publish may take up to 15 minutes.

Version description
Provide an optional description to help you track your updates.

Connectors

aws-community-photoalbum
AppStudioManagedStorage-DynamoDb-Connector

Important note about publishing to Production environment:
In the Development environment, you can utilize the sample data stored within AWS App Studio and test your progress instantly using Preview.

In the Testing environment, you can connect to any live production data sources, test integrations, and perform comprehensive testing including user acceptance testing (UAT) by providing access to end users. Your initial publish may take up to 15 minutes.

Version description
Provide an optional description to help you track your updates.

Connectors

aws-community-photoalbum
AppStudioManagedStorage-DynamoDb-Connector

⚠️ Be aware of the impact of incompatible updates in production environment
Incompatible changes to a managed entity in the Development environment can cause issues in live Production environment. These problems continue until either:

1. The new update is fully applied to Production, or
2. The change is undone in the earlier Development and Testing environments before launching to Production.

Please note that in the Testing environment, your app will be paused after 3 hours of inactivity. Paused versions of your app will be securely stored in the Version History tab and can be re-published at any time. This is designed to optimize resource usage within our preview service offering.

Cancel **Start**

Publish your app

AWS App Studio provides three environments for your app: Development, Testing, and Production.

Your published app will be paused after a period of inactivity

In the Testing environment, an app will be paused after 3 hours of inactivity. In the Production environment, an app will be paused after 14 days of inactivity. Paused versions of the app will be securely stored in the Version History tab and can be re-published at any time. This is designed to optimize resource usage within our preview service offering.

Development

This environment provides a secure sandbox environment isolated from any production services and data sources for building and modifying applications. In this environment, you can utilize the sample data stored within AWS App Studio and test your progress instantly using Preview.

Testing

Once your initial app development is complete, you can publish to the testing environment. Here you can connect to any live production data sources, test integrations, and perform comprehensive testing including user acceptance testing (UAT) by providing access to end users. Your initial publish may take up to 15 minutes.

Production

After exhaustive testing in the previous environment, you can promote a version of your application to the production environment for live operational use by end users.

Start time: 10/05/2024, 07:35 PM (in progress)

Errors Warnings

aws_community_photoalbum Pages Automations Data App settings

Join us on Slack ?

Save Share Preview Publishing

Environments Version history

Latest Not Published Not Published

Development Testing Production

Publish Publish Publish

Errors Warnings

aws_community_photoalbum Pages Automations Data App settings

Join us on Slack ?

Save Share Preview Publishing

Environments Version history

Latest Version 1.0 Not Published

Development Testing Production

Publish Publish Publish

URL: https://8ccff0551-Testing.dgaf.us-west-2.appstudio.aws

▼ 접근유저 및 권한 관리하기

IAM Identity Center > Groups

Groups (2)

With groups, you can grant or deny permissions

Find groups by group name

Group name

users

test

Admin hub > Roles

Roles

Group	Role	Action
users	App User	Change role
test	Admin	Change role

App Studio > Admin hub

IAM Identity Center에서 추가된 그룹을 App Studio에서 볼 수 있는듯.

추가된 그룹에 App Studio에서 사용될 Role 부여할 수 있음

유저 추가를 **IAM Identity Center**에서 추가된 유저들 중에서만 추가 가능

아쉬운 점

매뉴얼

모든 것이 다 텍스트다..

태성공원 10월 7일 오전 11시 52분
@엘리야 바트코스키(AWS) 답변 감사합니다😊
귀하께서 제공하신 문서의 메시지를 알아볼 수 없어 죄송합니다🙏(미리보기 문서 와 다양한 환경에 관한 문서)
이 문서에서 Amazon Simple Storage Service와 컴포넌트 및 자동화를 통한 상호작용에 대한 공지를 기기에 넣어야 한다고 생각합니다 . 어떤 공지가 들어가야 하는지 첨부 이미지에 넣어보겠습니다.
사실 저 같은 개발자는 앱을 빌드하기 전에 모든 컨텍스트를 읽지 않습니다. 이 문서는 텍스트만 있습니다: 이런 스크린샷을 개시해 주시면 감사하겠습니다 .. 그리고 저는 빌드하려는 내용에 대한 특정 관련 문서만 읽는 경향이 있습니다. 그래서 관련 섹션의 콘텐츠에 링크나 알림 메시지를 넣는 것이 더 나을 것 같습니다.



(AWS) 10월 8일 오전 12시 5분
안녕하세요, 걱정하지 마세요! 저도 동의합니다. 저희는 많은 사용자가 문서를 읽는 것 보다 제품을 사용하는 것을 선호하는 "댐장이"라는 것을 알고 있으므로 관련 정보를 표면화하고 가능한 한 제품 자체에서 경험을 최적화하고 싶습니다.
저는 스크린샷/이미지/다이어그램을 추가하는 데 의도적으로 조심했습니다. 모든 사람이 문서를 액세스할 수 있도록 하고 싶고, 제품이 변경되면 유지 관리 비용이 상당히 많이 들기 때문입니다. 베타에서는 일반적으로 이런 일이 자주 발생합니다. 하지만 곧 다이어그램과 스크린샷이 포함된 문서를 몇 개 올릴 예정이며, 앞으로도 비슷한 문서를 계속 추가할 가능성이 큽니다.

docs.aws.amazon.com

<https://docs.aws.amazon.com/appstudio/>

파라미터, JS 익스프레션 종류 숙지의 어려움

적어도 스크린샷이 동봉되면 좋았을 텐데..

- 개발팀 왈: 앞으로 UI 내용이 바뀌면 스크린샷도

메뉴 버튼 누르는것 따라하라는 것조차 텍스트로만 되어 있는게 아쉬움

Development 모드는 실제 서비스와 연결안됨

(AWS) 10월 7일 오전 9시 39분
안녕하세요! App Studio를 사용해 주셔서 감사합니다. 특히 피드백을 제공해 주셔서 감사합니다😊
나는 단지 주소를 말할 수 있습니다 1, 하지만 개발 환경(미리 보기)의 애플리케이션은 S3와 같은 외부 서비스와 통신하지 않습니다. 미리 보기 설명서 와 다양한 환경에 대한 설명서 에서 이 점을 명확히 하려고 노력합니다 .
하지만 이 문제가 여전히 남아 있다는 점을 확인했고, 필요한 경우 제품 자체에서 이 문제를 더 명확하게 설명할 수 있을 것 같습니다. 다시 한번 여러분의 피드백을 환영합니다.

파라미터 사용 가이드 불친절 및 버그

Using JavaScript to write expressions in App Studio - AWS App Studio
Insert abstract text



<https://docs.aws.amazon.com/appstudio/latest/userguide/expressions.html>

초심자에게는 {{params}}, {{currentUser}} 등의 파라미터를 어디서 어떻게 사용해야 할지에 대한 친절한 가이드가 없음

The screenshot shows three examples of JavaScript expressions used in AWS App Studio:

- A photo_id input field with the value expression: {{ui.PhotoView.data?[0].id}}
- A Value block with the expression: {{currentRow.name}}
- A Visible if condition with the expression: {{currentUser.roles.includes('admin')}}

입력 필드에 가끔 인텔리센스 동작안함. 빨간 밑줄이 가 있지만 정상동작

The screenshot shows the Data actions configuration screen for a component:

- Source: Entity
- Action: getPhotoID
- Parameters:
 - photo_id*: Integer | Required
 - Value: {{ui.PhotoView.data?[0].id}}

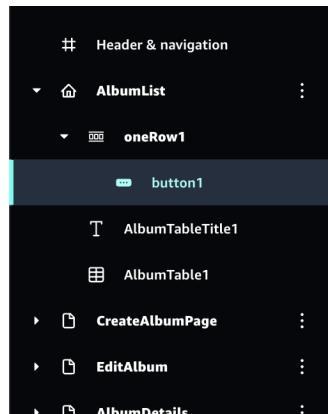
휘발성 Ask AI

같은 페이지 내에서 다른 탭 이동하기만 해도 챗봇 내용이 다 날라가버림
매우 치명적인 안좋은 경험 선사
사용 시 각별한 주의가 필요.

컴포넌트 레이아웃 배치 다양성 부족

두 개의 컴포넌트를 양쪽 끝으로 붙이는 기능이 안보임
직접 css를 적용하는 기능도 있었으면

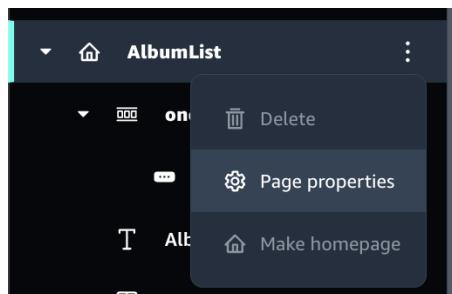
좌측 사이드바 컴포넌트 빠른 메뉴 기능 미비



좌측 사이드바에서 컴포넌트 선택하면 우측 사이드바에 상세 속성 표시를 해주는데,

좌측 사이드바 컴포넌트 단축메뉴가 없다.

심지어 이름 변경도 좌측 사이드바에서 빠르게 할 수 없다.



빠른 메뉴는 오직 페이지 컴포넌트만 가능하고, 빠른 메뉴 열어도 기본 페이지 지정과 페이지 설정 인데, 페이지 설정 누르면 그냥 컴포넌트 선택 한거랑 같은 기능을 한다.

매우 느린 로딩 속도

데이터 로드에 2초,

이미지 로딩에 5초 이상 걸림

유저관리를 수작업으로 해야

배포된 사이트 들어가니까 IAM Identity Center 로그인 화면 바로 나옴