

”ADFI Image Recognition” Tutorial

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AI Robotics Ltd.

In this tutorial, you will create an image recognition AI using a sample image dataset and verify the performance of it. You will also create an application for the AI to be used on smartphones.

The procedure is explained in the following flow.

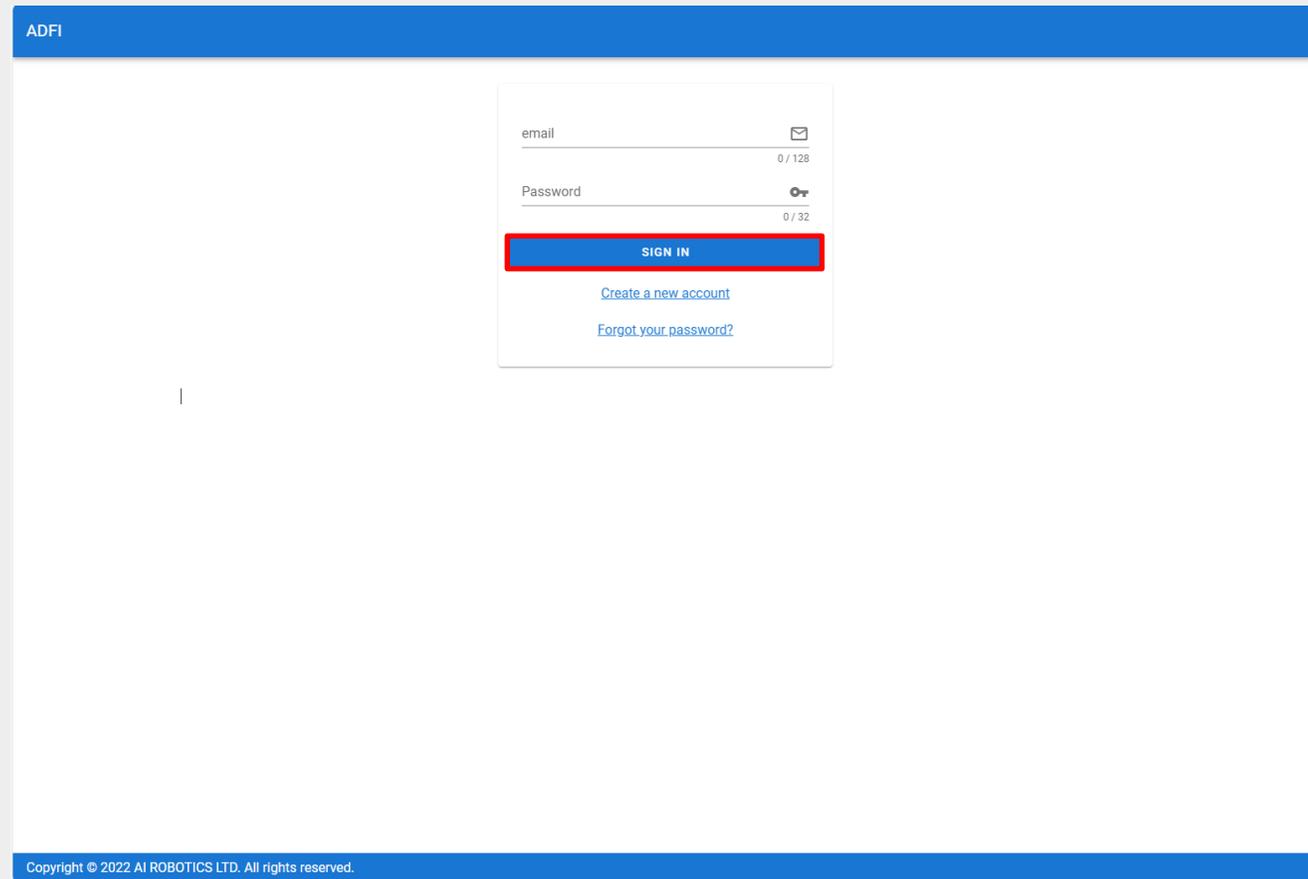
1. Create your account (for the first time only)
2. Create an image recognition AI
3. Create an AI app
4. Use image recognition AI in your local environment
5. Reference information (changing to a paid plan)

1. Create your account (for the first time only)

Create your account (for the first time only)



1. To create a new account, go to “<https://web.us.adfi.karakurai.com/webapp/signin>”
2. And choose Create a new account.
 - * After the second time (after creating an account), enter your email address and password and press **SIGN IN**.

A screenshot of the ADFI sign-in page. The page has a blue header with the text 'ADFI'. The main content area is white and contains a sign-in form. The form has two input fields: 'email' with a character count of '0 / 128' and a mail icon, and 'Password' with a character count of '0 / 32' and a key icon. Below the fields is a blue button with the text 'SIGN IN' in white, which is highlighted with a red border. Underneath the button are two blue links: 'Create a new account' and 'Forgot your password?'. At the bottom of the page, there is a blue footer with the text 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create your account (for the first time only)



3. Enter an account name and email address.
4. Create your account password.
5. Once you have entered and confirmed your password.
6. Select the checkbox to accept them, choose **REGISTRATION**.

The screenshot shows the ADFI registration form. At the top, there is a blue header with the text 'ADFI'. The form itself is centered and contains the following elements:

- A red box highlights the input fields for 'Username' (0 / 128), 'email' (0 / 128), 'Password' (0 / 32), and 'Confirm Password' (0 / 32).
- Below the password fields, there is a checkbox that is checked, with the text 'I agree to the privacy policy, the cookie policy and the terms of service.'
- A blue button labeled 'REGISTRATION' is highlighted with a red box.
- Below the button is a link: [Sign in to an existing account](#).

At the bottom of the page, there is a blue footer with the text: 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create your account (for the first time only)

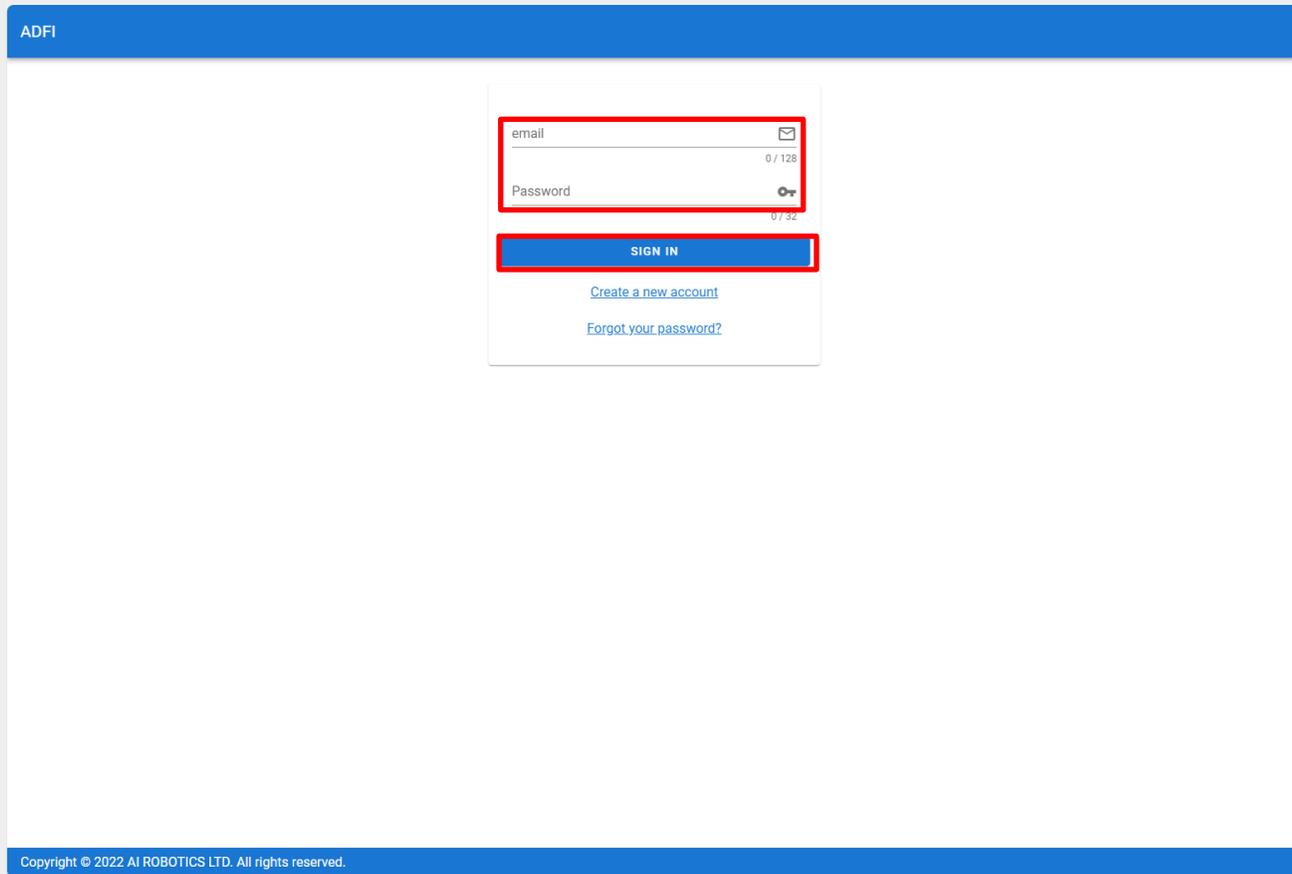


7. You will receive a confirmation email from ADFI (info-web@airobotics.jp) titled "ADFI Please Confirm Your E-mail Address", so click on the URL in the body of the email.
 - By clicking the URL, you will be able to sign in with the email address and password you entered earlier.
 - If you do not receive the email, it may have been sorted into your spam box or you may have entered an incorrect email address, so please check.

Create your account (for the first time only)



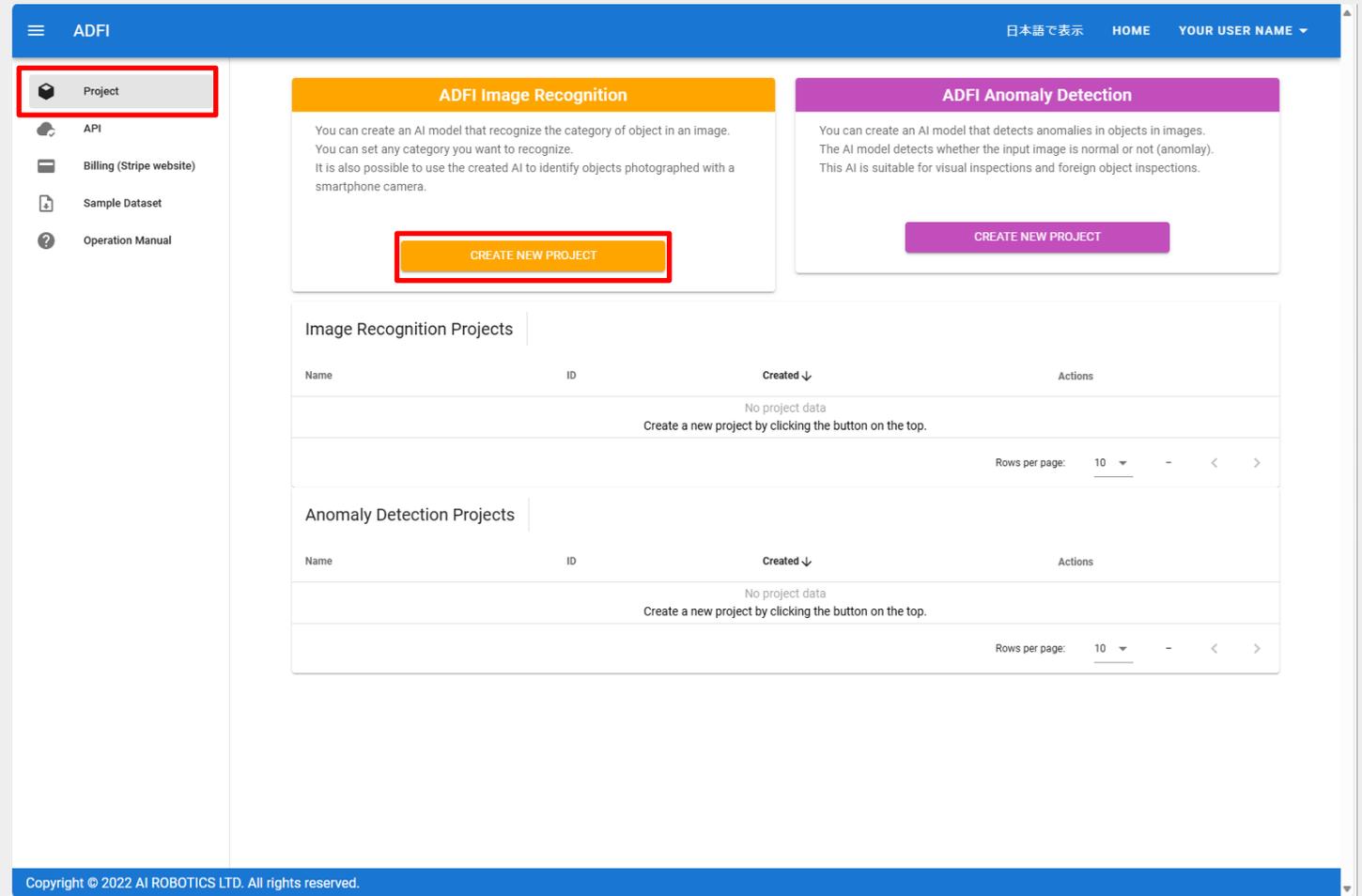
8. Filling out your email address and password, choose **SIGN IN**.

A screenshot of the ADFI login interface. At the top, a blue header bar contains the text 'ADFI'. The main content area is white and contains a login form. The form has two input fields: 'email' with an envelope icon and a character count of '0 / 128', and 'Password' with a key icon and a character count of '0 / 32'. Below these fields is a blue button labeled 'SIGN IN'. Underneath the button are two links: 'Create a new account' and 'Forgot your password?'. At the bottom of the page, a blue footer bar contains the text 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.' Red rectangular boxes are drawn around the email and password input fields, and the 'SIGN IN' button.

2. Create an image recognition AI

Create an image recognition AI

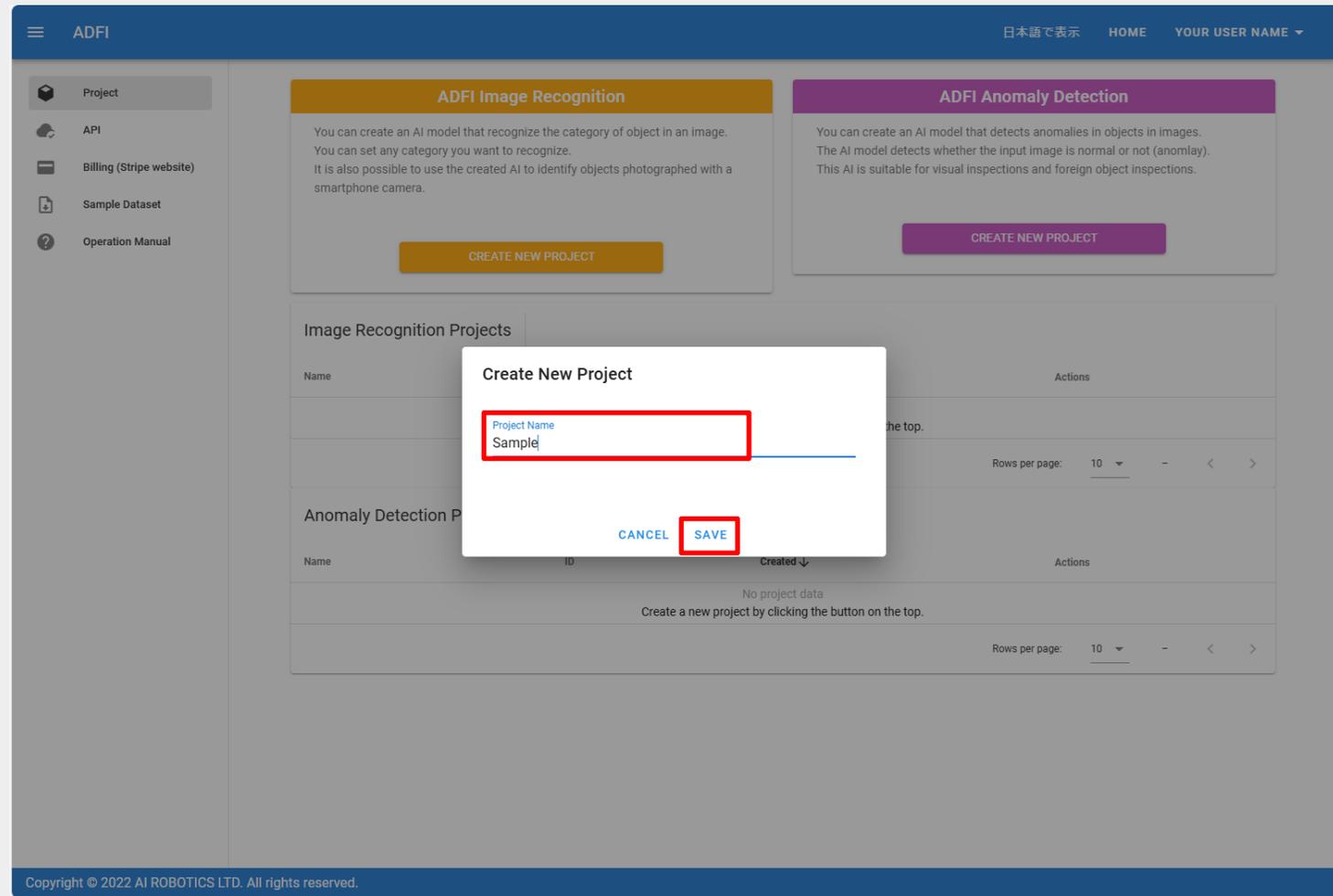
1. To create a project.
In the navigation pane at the left of the screen, you can select **Project** .
2. We display the AI menu of the project.
Choose the **CREATE NEW PROJECT** of ADFI Image Recognition.



The screenshot displays the ADFI web application interface. On the left, a navigation pane is visible with the 'Project' menu item highlighted in a red box. The main content area is divided into two sections: 'ADFI Image Recognition' and 'ADFI Anomaly Detection'. Both sections feature a 'CREATE NEW PROJECT' button, with the button in the Image Recognition section also highlighted in a red box. Below these sections are two tables: 'Image Recognition Projects' and 'Anomaly Detection Projects'. Both tables are currently empty, displaying 'No project data' and a message to 'Create a new project by clicking the button on the top.' The footer of the page contains the copyright notice: 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

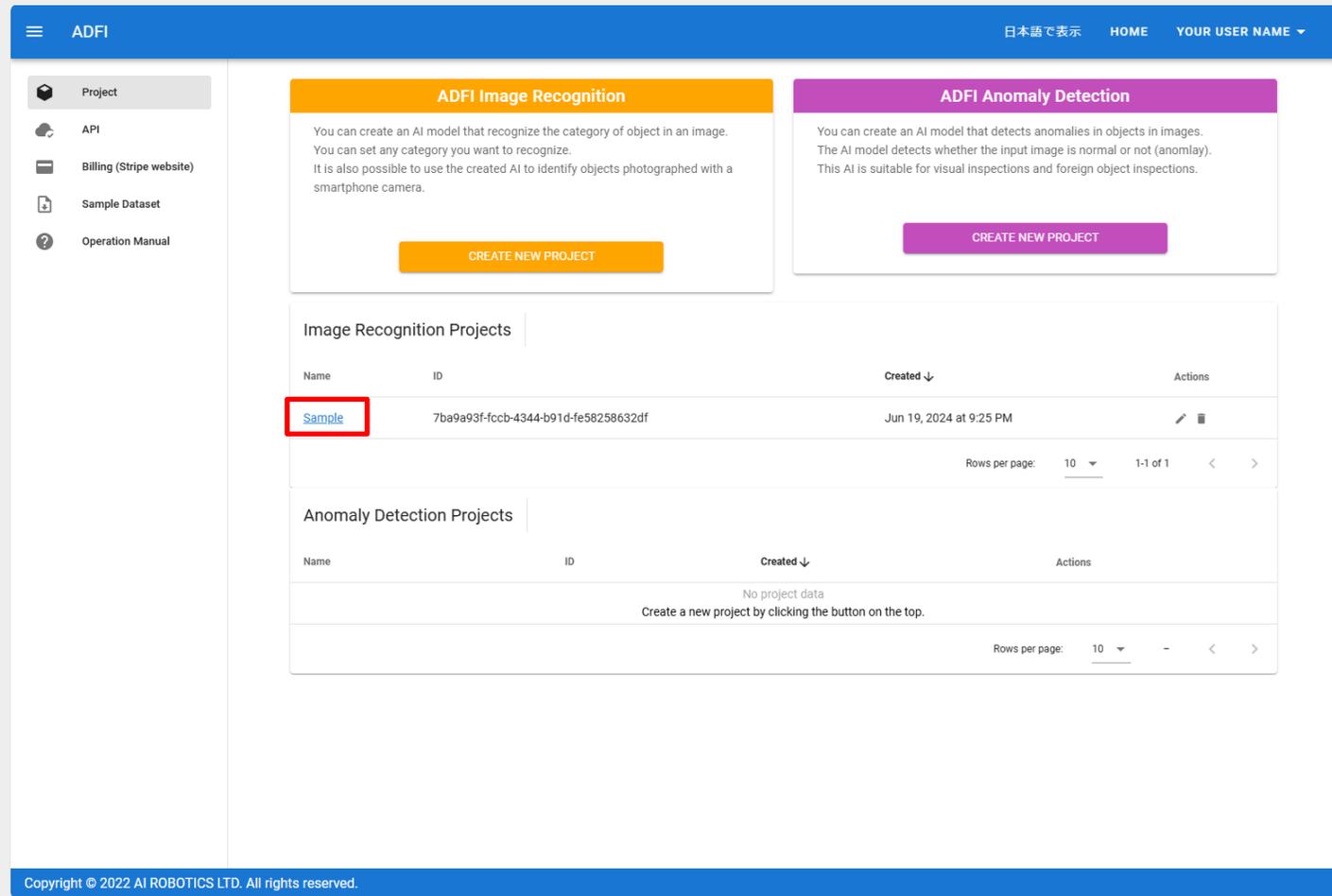
3. Under **Project Name**, enter any name.
4. Press the **SAVE** button.



The screenshot displays the ADFI web interface. The main content area is divided into two sections: 'ADFI Image Recognition' and 'ADFI Anomaly Detection'. The 'ADFI Image Recognition' section includes a description and a 'CREATE NEW PROJECT' button. The 'ADFI Anomaly Detection' section includes a description and a 'CREATE NEW PROJECT' button. A 'Create New Project' dialog box is overlaid on the interface, featuring a 'Project Name' input field containing the text 'Sample' and a 'SAVE' button. The 'SAVE' button is highlighted with a red box. The background interface shows a sidebar with navigation options like 'Project', 'API', 'Billing (Stripe website)', 'Sample Dataset', and 'Operation Manual'. The footer contains the text 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

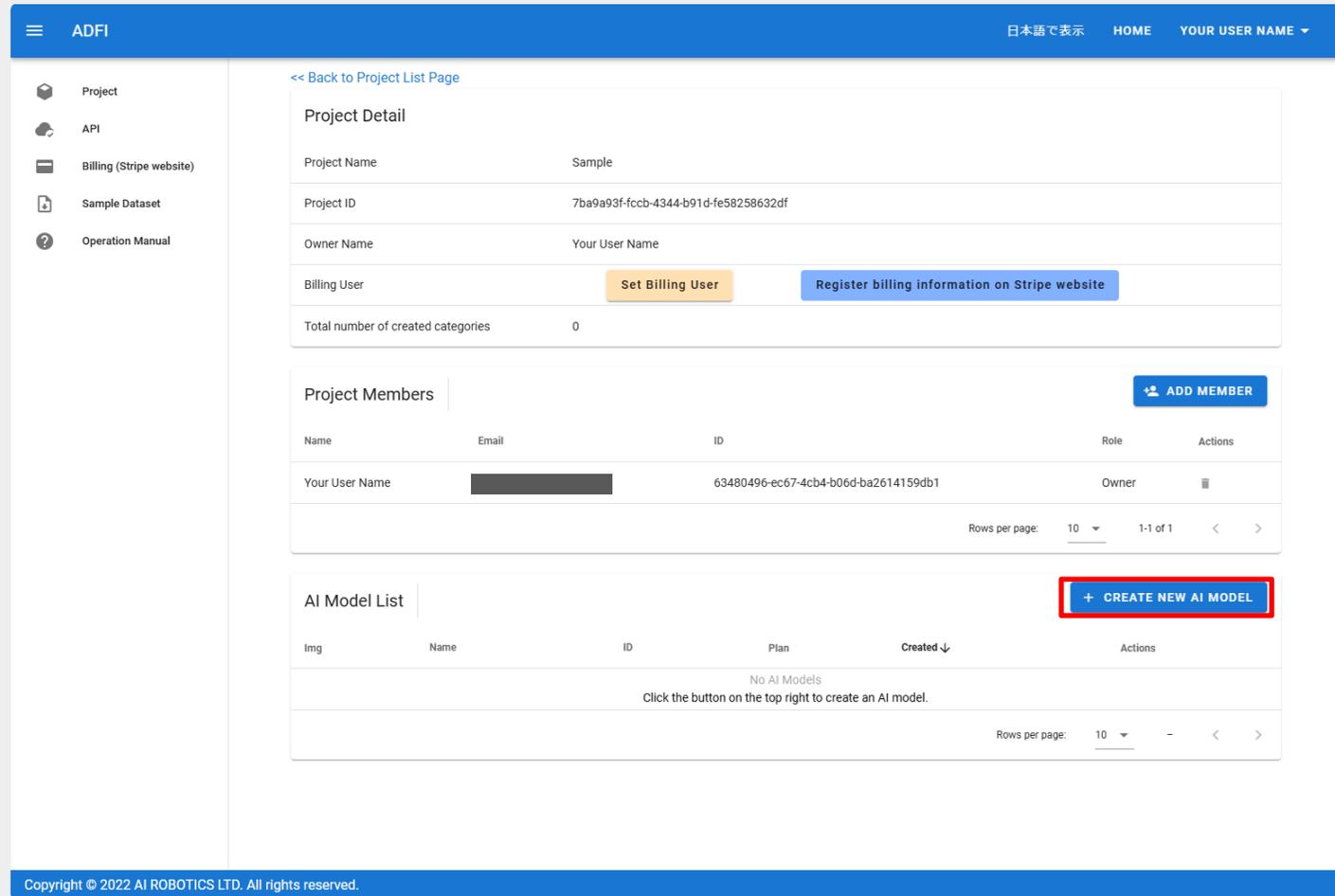
5. If the project is successfully created, select **the name of the project**.
We will display the project detail screen.



The screenshot displays the ADFI web interface. At the top, there is a blue navigation bar with the ADFI logo, a hamburger menu, and user information including '日本語で表示', 'HOME', and 'YOUR USER NAME'. A left sidebar contains navigation links for 'Project', 'API', 'Billing (Stripe website)', 'Sample Dataset', and 'Operation Manual'. The main content area features two project creation cards: 'ADFI Image Recognition' (orange) and 'ADFI Anomaly Detection' (purple). Below these is a table for 'Image Recognition Projects' with one row containing a project named 'Sample' (highlighted with a red box), ID '7ba9a93f-fccb-4344-b91d-fe58258632df', and creation time 'Jun 19, 2024 at 9:25 PM'. The 'Anomaly Detection Projects' table below it is empty, showing 'No project data' and a message to 'Create a new project by clicking the button on the top.' The footer contains the copyright notice: 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

6. In the project detail screen, you can add project members to the project or create AI model. To create an image recognition AI in the project, press **CREATE NEW AI MODEL**.



The screenshot displays the ADFI Project Detail interface. The top navigation bar includes the ADFI logo, a hamburger menu, and options for language (日本語で表示), home (HOME), and user profile (YOUR USER NAME). The left sidebar contains navigation items: Project, API, Billing (Stripe website), Sample Dataset, and Operation Manual. The main content area is titled 'Project Detail' and includes a back link '<< Back to Project List Page'. The project information is as follows:

Field	Value
Project Name	Sample
Project ID	7ba9a93f-fccb-4344-b91d-fe58258632df
Owner Name	Your User Name
Billing User	Set Billing User Register billing information on Stripe website
Total number of created categories	0

Below the project details is the 'Project Members' section, featuring an 'ADD MEMBER' button and a table with one member:

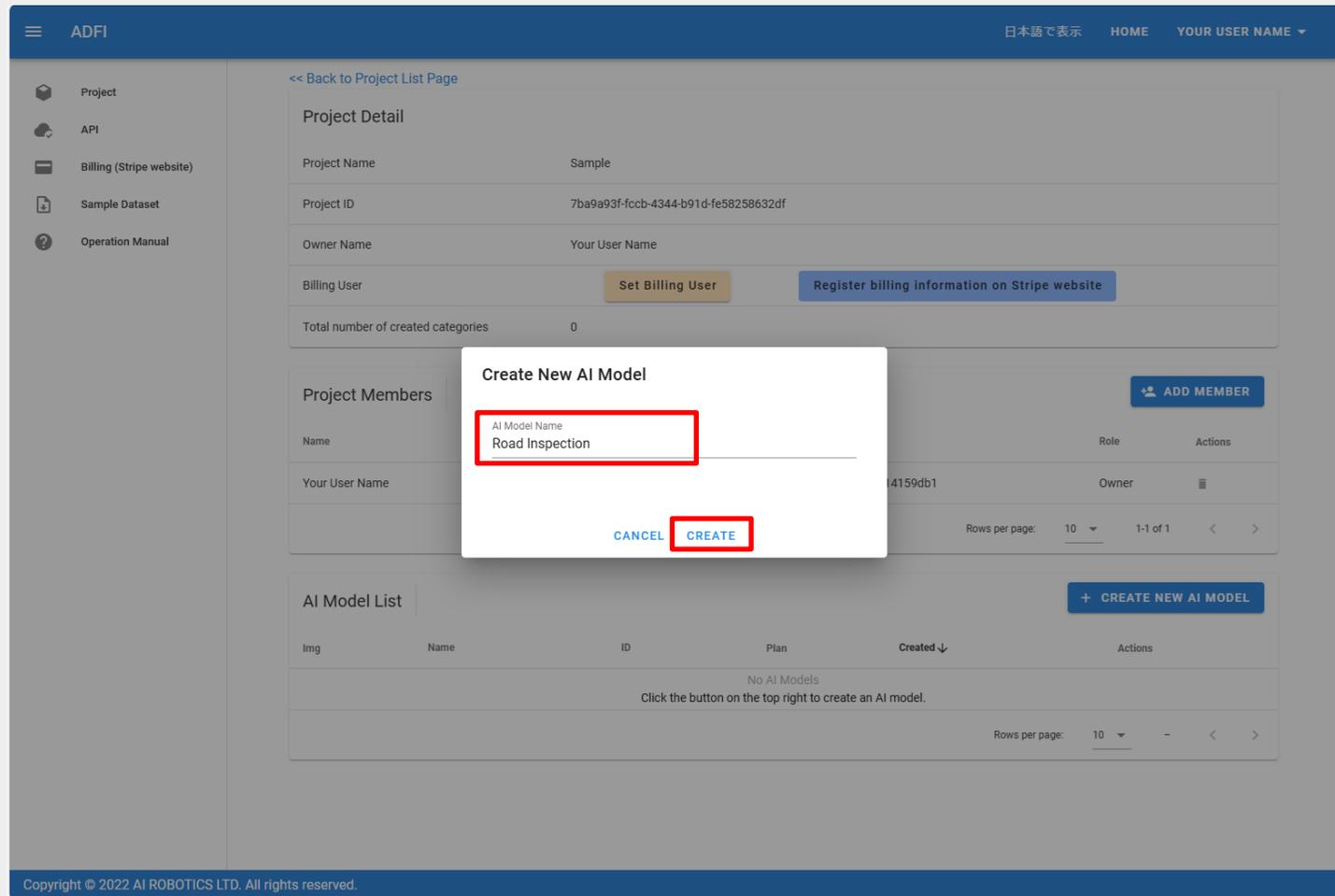
Name	Email	ID	Role	Actions
Your User Name	[REDACTED]	63480496-ec67-4cb4-b06d-ba2614159db1	Owner	[REDACTED]

The 'AI Model List' section is currently empty, displaying 'No AI Models' and a message: 'Click the button on the top right to create an AI model.' The '+ CREATE NEW AI MODEL' button is highlighted with a red box.

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Create an image recognition AI

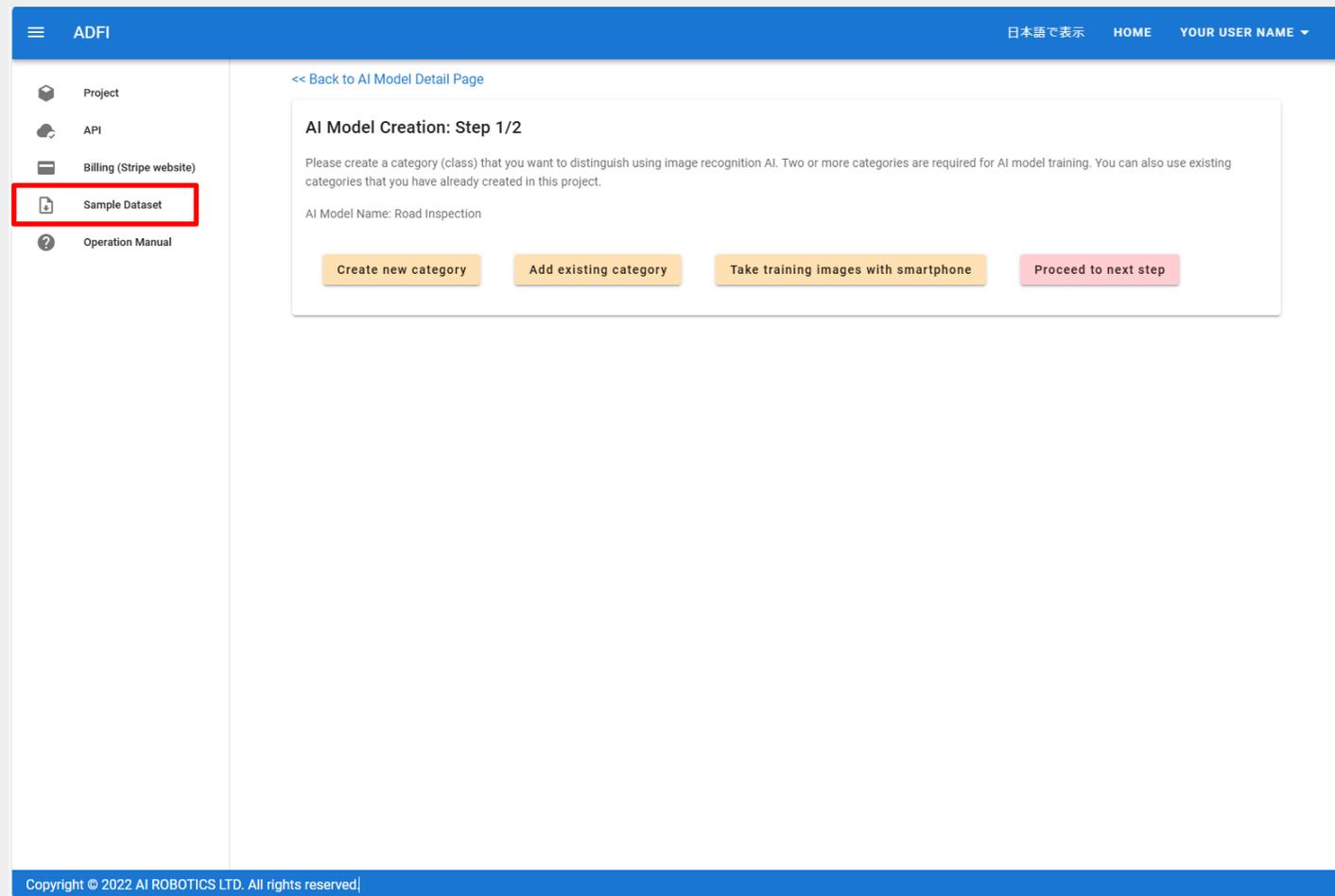
7. Enter an any AI model name, choose **CREATE**.



The screenshot displays the ADFI web application interface. A modal dialog titled "Create New AI Model" is centered on the screen. Inside the dialog, there is a text input field labeled "AI Model Name" containing the text "Road Inspection". Below the input field are two buttons: "CANCEL" and "CREATE". The background is dimmed, showing the "Project Detail" page. The "Project Detail" page includes a navigation menu on the left with items like "Project", "API", "Billing (Stripe website)", "Sample Dataset", and "Operation Manual". The main content area shows project information: Project Name "Sample", Project ID "7ba9a93f-fccb-4344-b91d-fe58258632df", Owner Name "Your User Name", and Billing User. There are buttons for "Set Billing User" and "Register billing information on Stripe website". Below this is a table for "Project Members" with columns for Name, Role, and Actions. The "AI Model List" section at the bottom shows a table with columns for Name, ID, Plan, Created, and Actions, and a message "No AI Models" with a link to create a new model.

Create an image recognition AI

8. We will display AI Model Creation screen.
(Optional) If you don't have training data and test data,
you can download sample dataset in the navigation pane.

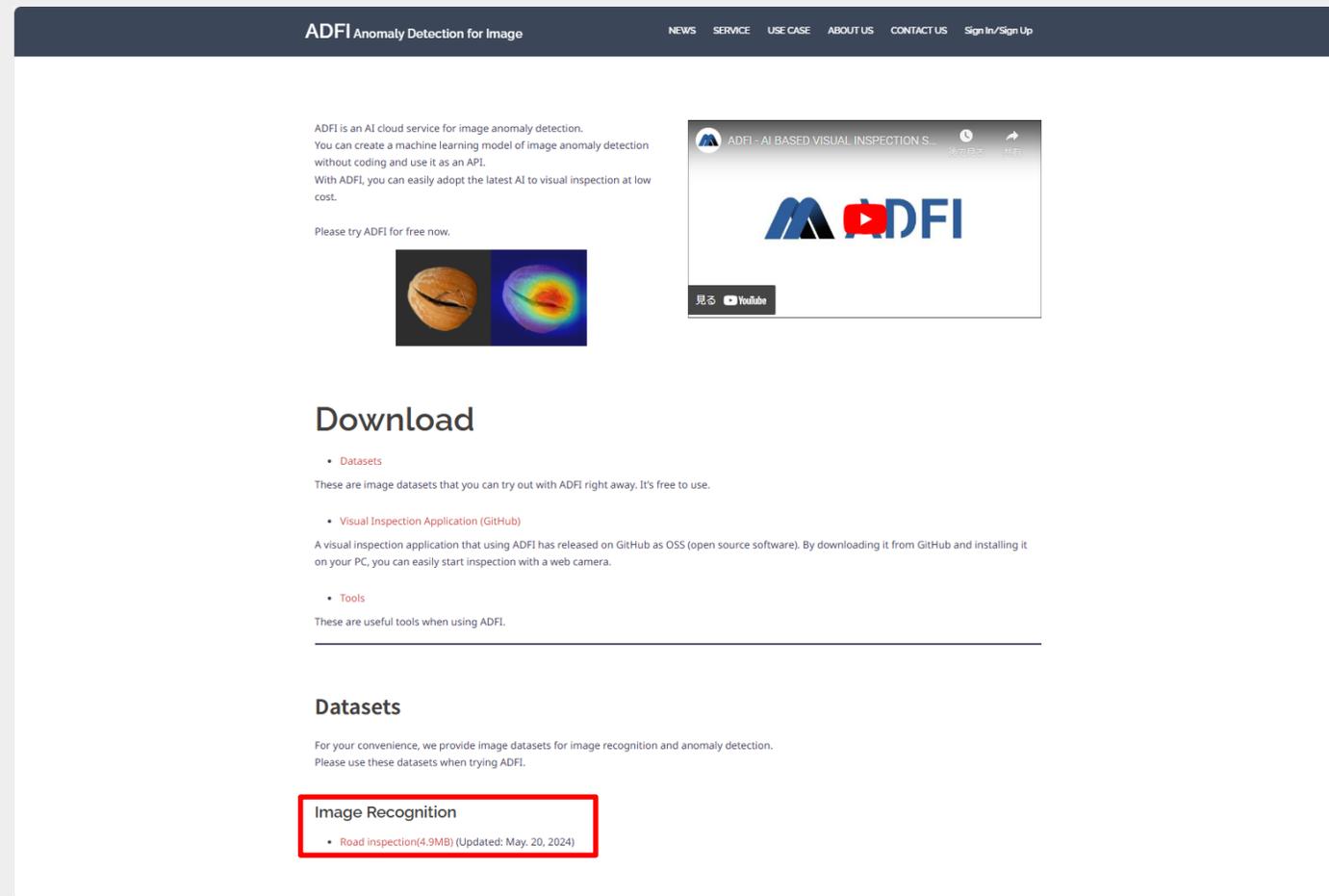


The screenshot shows the ADFI web interface. The top navigation bar is blue with the ADFI logo on the left and the text '日本語で表示 HOME YOUR USER NAME' on the right. A left-hand navigation pane contains several menu items: 'Project', 'API', 'Billing (Stripe website)', 'Sample Dataset' (highlighted with a red rectangle), and 'Operation Manual'. The main content area is titled '<< Back to AI Model Detail Page' and 'AI Model Creation: Step 1/2'. Below the title, there is a text instruction: 'Please create a category (class) that you want to distinguish using image recognition AI. Two or more categories are required for AI model training. You can also use existing categories that you have already created in this project.' Below this instruction, the text 'AI Model Name: Road Inspection' is displayed. At the bottom of the main content area, there are four buttons: 'Create new category', 'Add existing category', 'Take training images with smartphone', and 'Proceed to next step'. The footer of the page contains the text 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

9. (Optional)

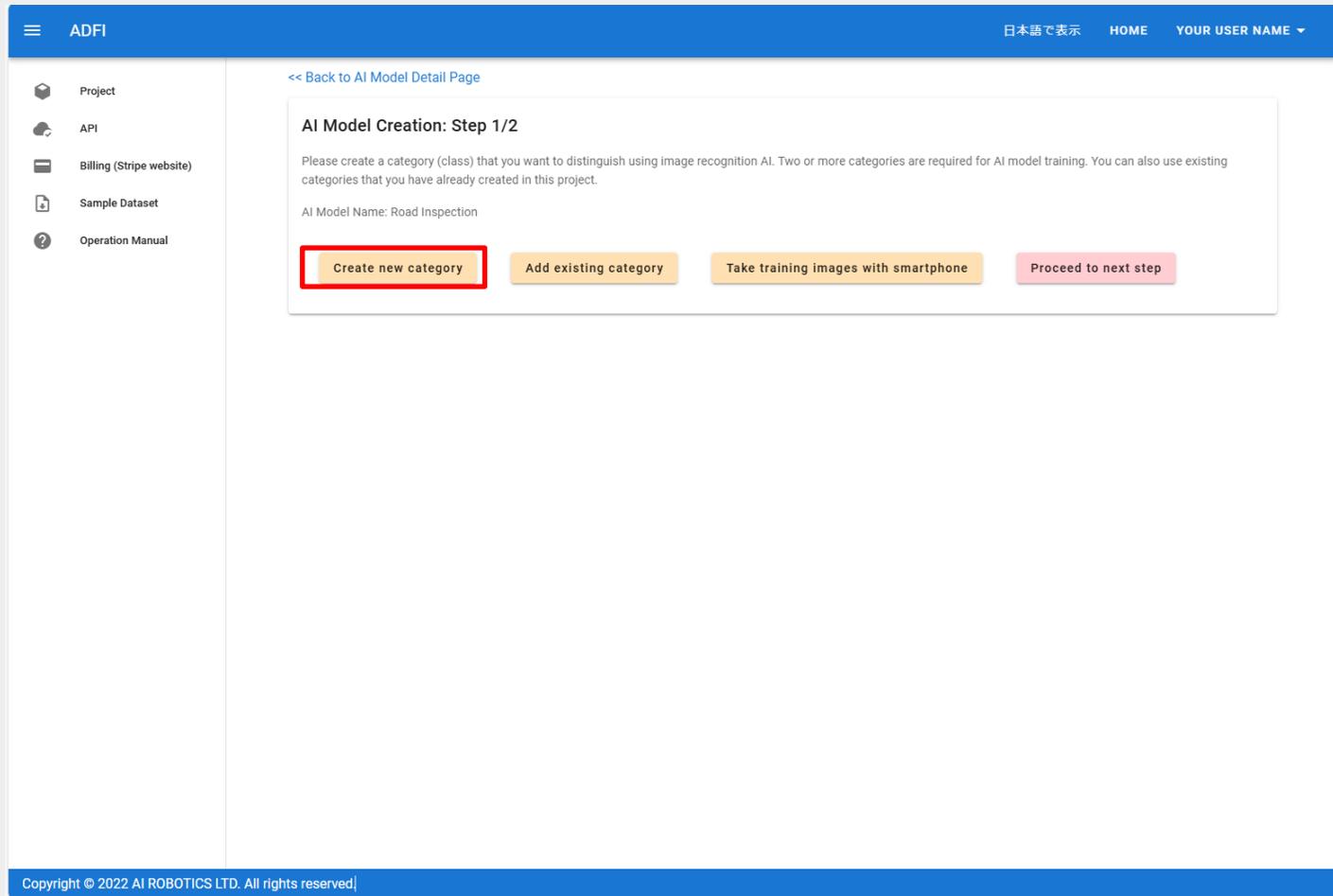
You can download the **‘Road Inspection’** dataset from the Download page of the official ADFI website. After downloading, unzip the file.



The screenshot shows the ADFI website interface. The header includes the title 'ADFI Anomaly Detection for Image' and navigation links for NEWS, SERVICE, USE CASE, ABOUT US, CONTACT US, and Sign In/Sign Up. The main content area features a description of ADFI as an AI cloud service for image anomaly detection, followed by a 'Download' section. Under 'Download', there are three categories: 'Datasets', 'Visual Inspection Application (GitHub)', and 'Tools'. The 'Image Recognition' dataset is highlighted with a red box, listing 'Road inspection(4.9MB) (Updated: May, 20, 2024)'.

Create an image recognition AI

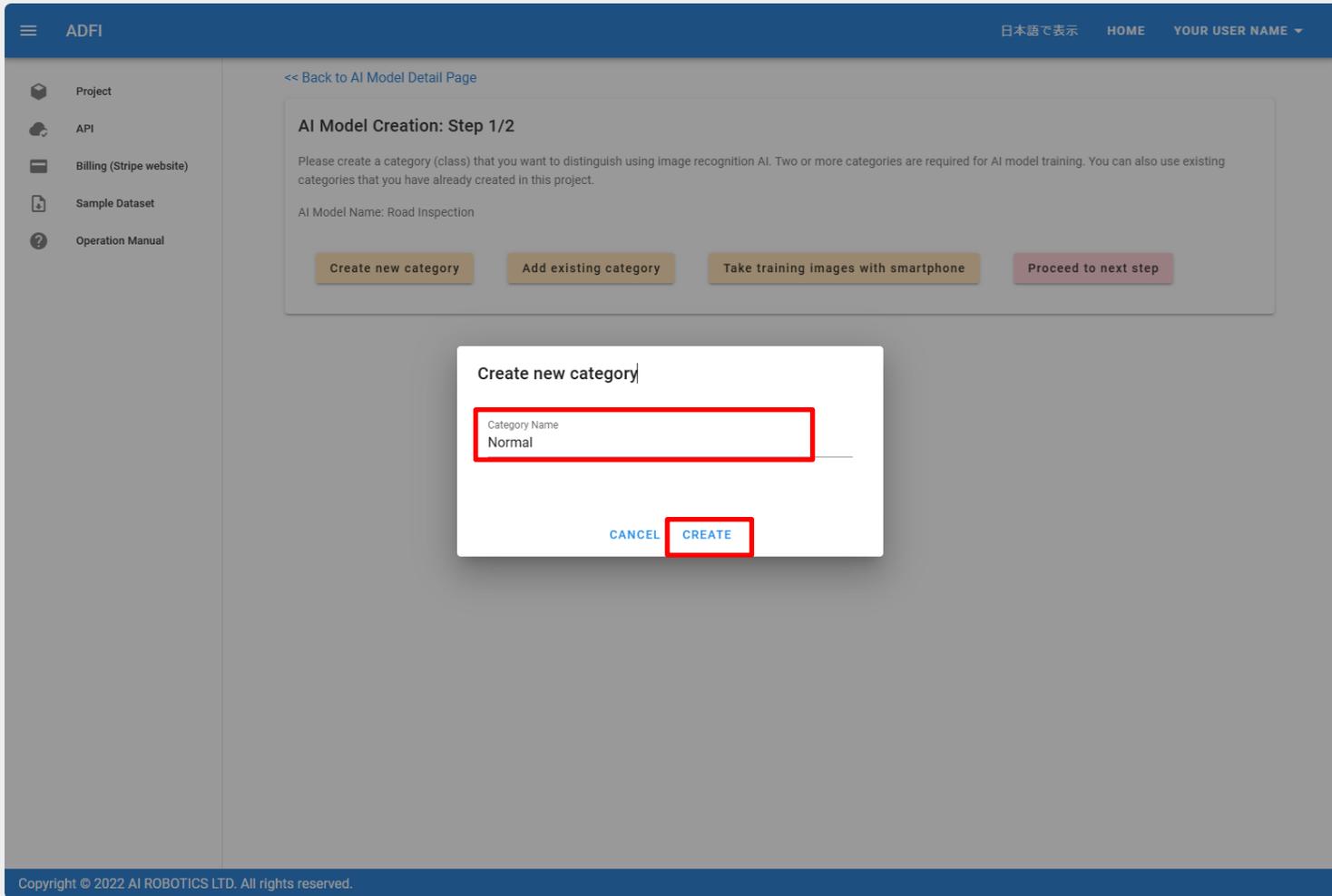
10. Next, you create the categories AI to identify.
Choose the **Create new category**.



The screenshot displays the ADFI web interface. The top navigation bar includes a menu icon, the text 'ADFI', and links for '日本語で表示', 'HOME', and 'YOUR USER NAME'. A left sidebar contains navigation items: 'Project', 'API', 'Billing (Stripe website)', 'Sample Dataset', and 'Operation Manual'. The main content area is titled '<< Back to AI Model Detail Page' and 'AI Model Creation: Step 1/2'. It contains instructions: 'Please create a category (class) that you want to distinguish using image recognition AI. Two or more categories are required for AI model training. You can also use existing categories that you have already created in this project.' Below this, the 'AI Model Name' is set to 'Road Inspection'. Four buttons are visible: 'Create new category' (highlighted with a red box), 'Add existing category', 'Take training images with smartphone', and 'Proceed to next step'. The footer contains the copyright notice: 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

11. Under **Category Name**, enter any name.
Press the **CREATE** button.



The screenshot displays the ADFI web interface for creating an AI model. The main content area is titled "AI Model Creation: Step 1/2" and includes instructions: "Please create a category (class) that you want to distinguish using image recognition AI. Two or more categories are required for AI model training. You can also use existing categories that you have already created in this project." Below this, the "AI Model Name" is set to "Road Inspection". Four buttons are visible: "Create new category", "Add existing category", "Take training images with smartphone", and "Proceed to next step".

A modal dialog box titled "Create new category" is open in the foreground. It contains a text input field labeled "Category Name" with the value "Normal" entered. Below the input field are two buttons: "CANCEL" and "CREATE". Red rectangular boxes highlight the "Category Name" input field and the "CREATE" button.

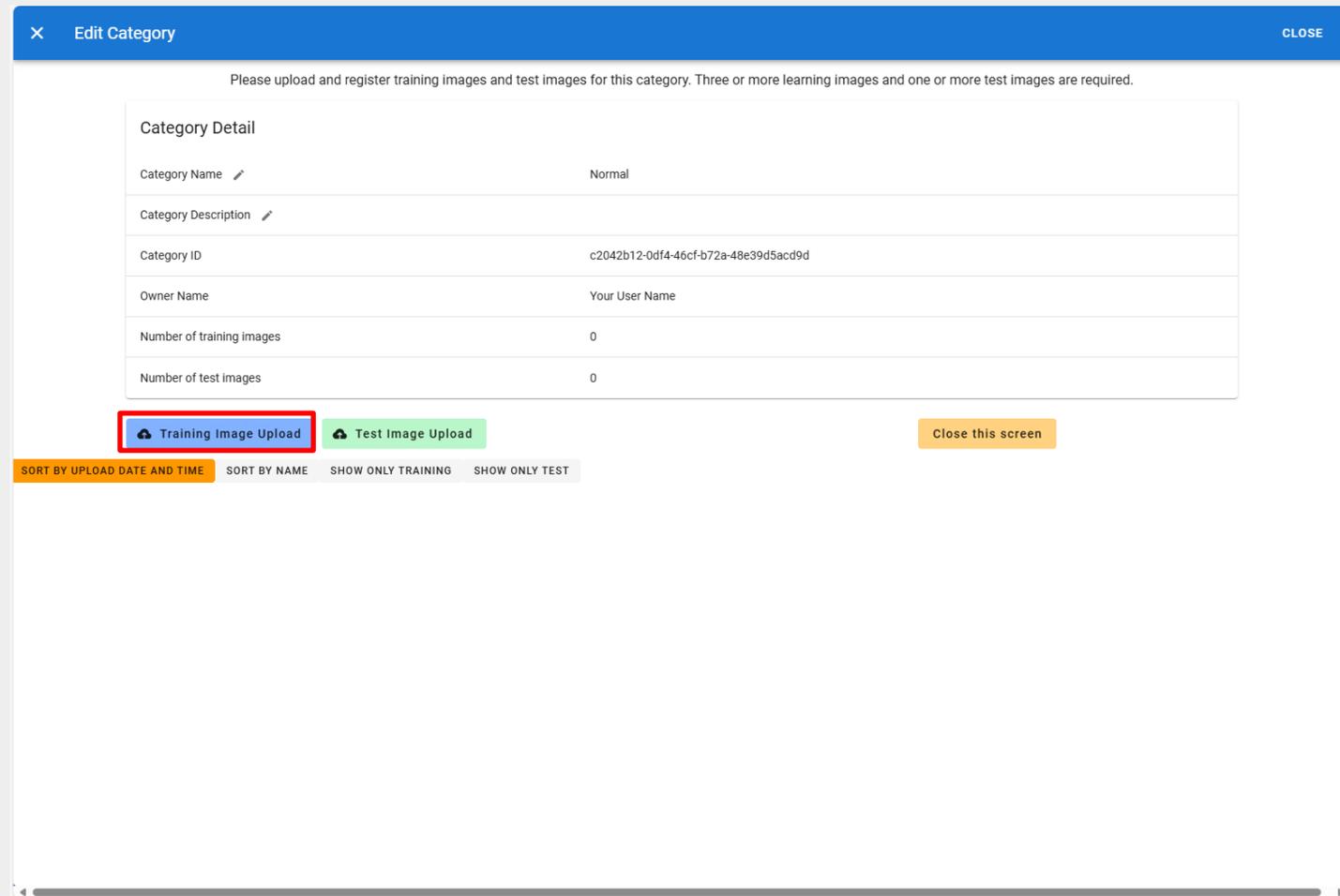
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Create an image recognition AI

12. We will display the Category Detail screen after creating a category.

On this screen, you can register 'Training Images' and 'Test Images' .

Firstly, select **Training Image Upload** to register 'Training images' to use for a training AI models.



The screenshot shows a web interface for editing a category. At the top, there is a blue header with a close button and the text 'Edit Category'. Below the header, a message states: 'Please upload and register training images and test images for this category. Three or more learning images and one or more test images are required.' The main content area is titled 'Category Detail' and contains a table with the following information:

Category Name	Normal
Category Description	
Category ID	c2042b12-0df4-46cf-b72a-48e39d5acd9d
Owner Name	Your User Name
Number of training images	0
Number of test images	0

Below the table, there are two buttons: 'Training Image Upload' (highlighted with a red box) and 'Test Image Upload'. To the right of these buttons is a 'Close this screen' button. At the bottom of the screen, there are four tabs: 'SORT BY UPLOAD DATE AND TIME' (highlighted in orange), 'SORT BY NAME', 'SHOW ONLY TRAINING', and 'SHOW ONLY TEST'.

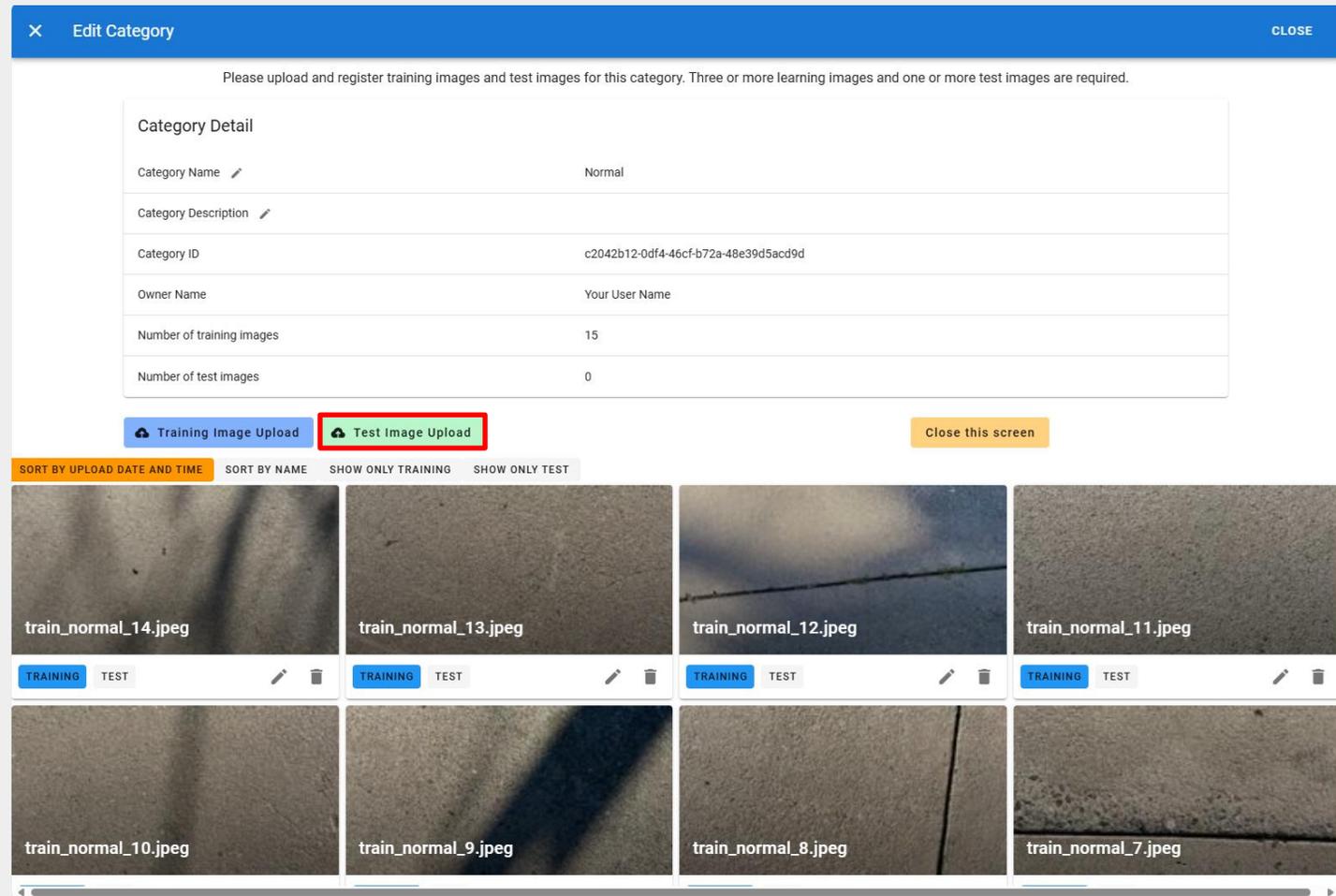
13. Select the training image you want to upload and press the **Open** button.

You can select multiple images and upload them at the same time.

- On Windows, you can select all images in a folder at once by pressing Ctrl + A.
- The more training images there are, the more likely the AI accuracy will improve. However, the more training images there are, the longer it will take to train.
- As a guideline, the number of training images should be at least 20 per category.

Create an image recognition AI

14. After uploading, the registered images are displayed at the bottom of this screen.
15. Secondly, select **Test Image Upload** to register 'Test images' to measure the accuracy of the created AI models.



The screenshot shows the 'Edit Category' interface. At the top, there is a blue header with a close button and the text 'Edit Category'. Below the header, a message states: 'Please upload and register training images and test images for this category. Three or more learning images and one or more test images are required.'

The 'Category Detail' section contains the following information:

Category Name	Normal
Category Description	
Category ID	c2042b12-0df4-46cf-b72a-48e39d5acd9d
Owner Name	Your User Name
Number of training images	15
Number of test images	0

Below the details, there are two buttons: 'Training Image Upload' and 'Test Image Upload' (highlighted with a red box). A 'Close this screen' button is also present.

The bottom section displays a grid of training images. The grid is sorted by 'Upload Date and Time' and shows 8 images in a 2x4 layout. Each image has a filename and a 'TRAINING' button. The filenames are: train_normal_14.jpeg, train_normal_13.jpeg, train_normal_12.jpeg, train_normal_11.jpeg, train_normal_10.jpeg, train_normal_9.jpeg, train_normal_8.jpeg, and train_normal_7.jpeg.

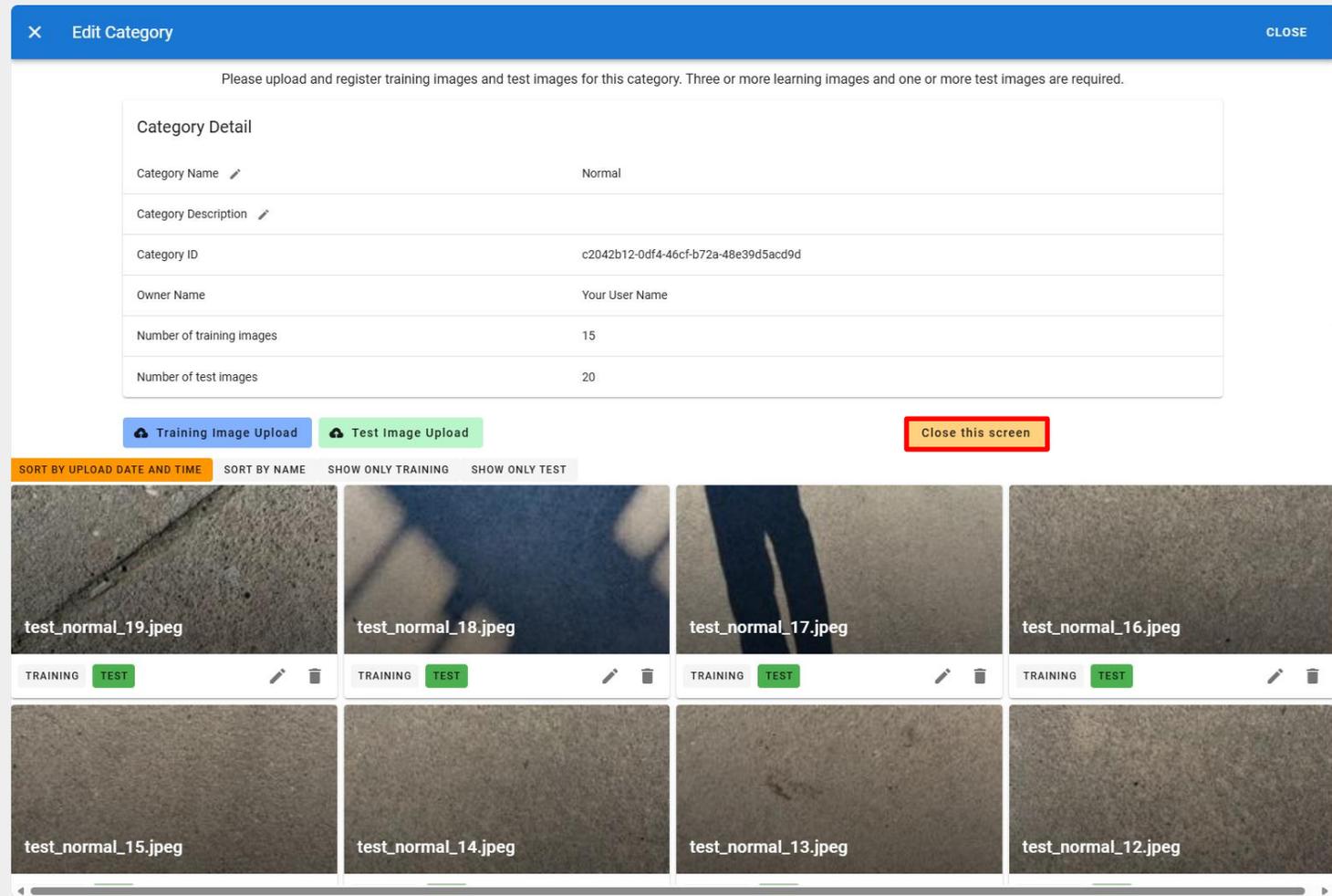
Create an image recognition AI



16. Select the test image you want to upload and press the **Open** button.
You can select multiple images and upload them at the same time.
 - On Windows, you can select all images in a folder at once by pressing Ctrl + A.

Create an image recognition AI

17. After uploading, the registered images are displayed at the bottom of this screen.
And you finished creating a category.
18. Press **CLOSE** button at the top right or **Close this screen**.



The screenshot displays the 'Edit Category' interface. At the top, there is a blue header with a close button (X) and the text 'Edit Category'. Below the header, a message states: 'Please upload and register training images and test images for this category. Three or more learning images and one or more test images are required.'

The main content area is divided into two sections. The top section, titled 'Category Detail', contains a table with the following information:

Category Name	Normal
Category Description	
Category ID	c2042b12-0df4-46cf-b72a-48e39d5acd9d
Owner Name	Your User Name
Number of training images	15
Number of test images	20

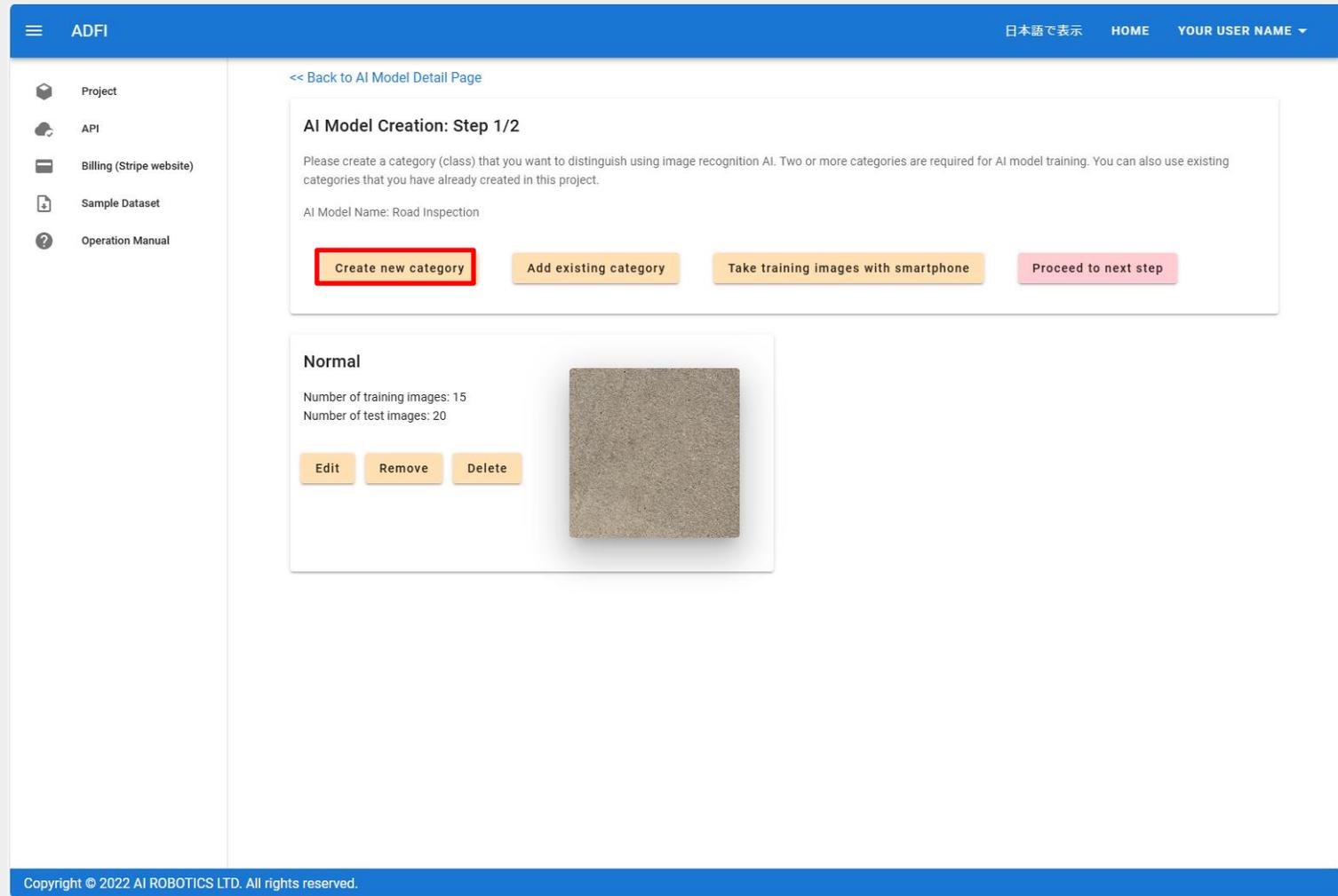
Below the table, there are two buttons: 'Training Image Upload' (blue) and 'Test Image Upload' (green). To the right of these buttons is a red-bordered button labeled 'Close this screen'.

The bottom section of the interface shows a grid of test images. The grid is sorted by 'UPLOAD DATE AND TIME' and displays 8 images in a 2x4 layout. Each image has a label below it, such as 'test_normal_19.jpeg', and a control bar with 'TRAINING' and 'TEST' buttons, along with edit and delete icons.

Create an image recognition AI

19. We will display the category you created at the bottom of the screen .

20. (Optional) If you want to add another category AI to identify, repeat steps 10 to 18.



ADFI 日本語で表示 HOME YOUR USER NAME

<< Back to AI Model Detail Page

AI Model Creation: Step 1/2

Please create a category (class) that you want to distinguish using image recognition AI. Two or more categories are required for AI model training. You can also use existing categories that you have already created in this project.

AI Model Name: Road Inspection

Create new category Add existing category Take training images with smartphone Proceed to next step

Normal

Number of training images: 15
Number of test images: 20

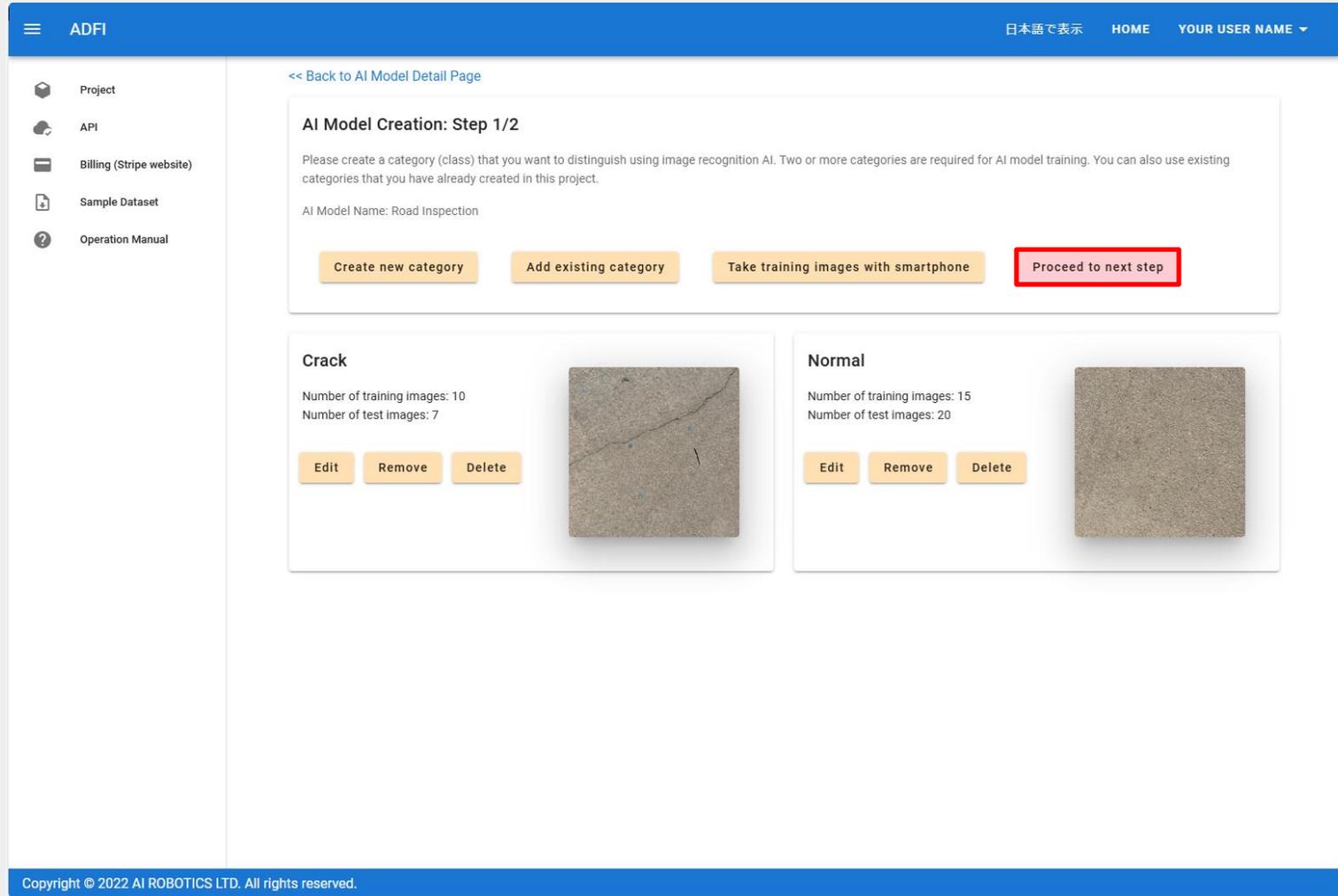
Edit Remove Delete



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Create an image recognition AI

21. Select **Proceed to next step** button after you finished creating all the categories.



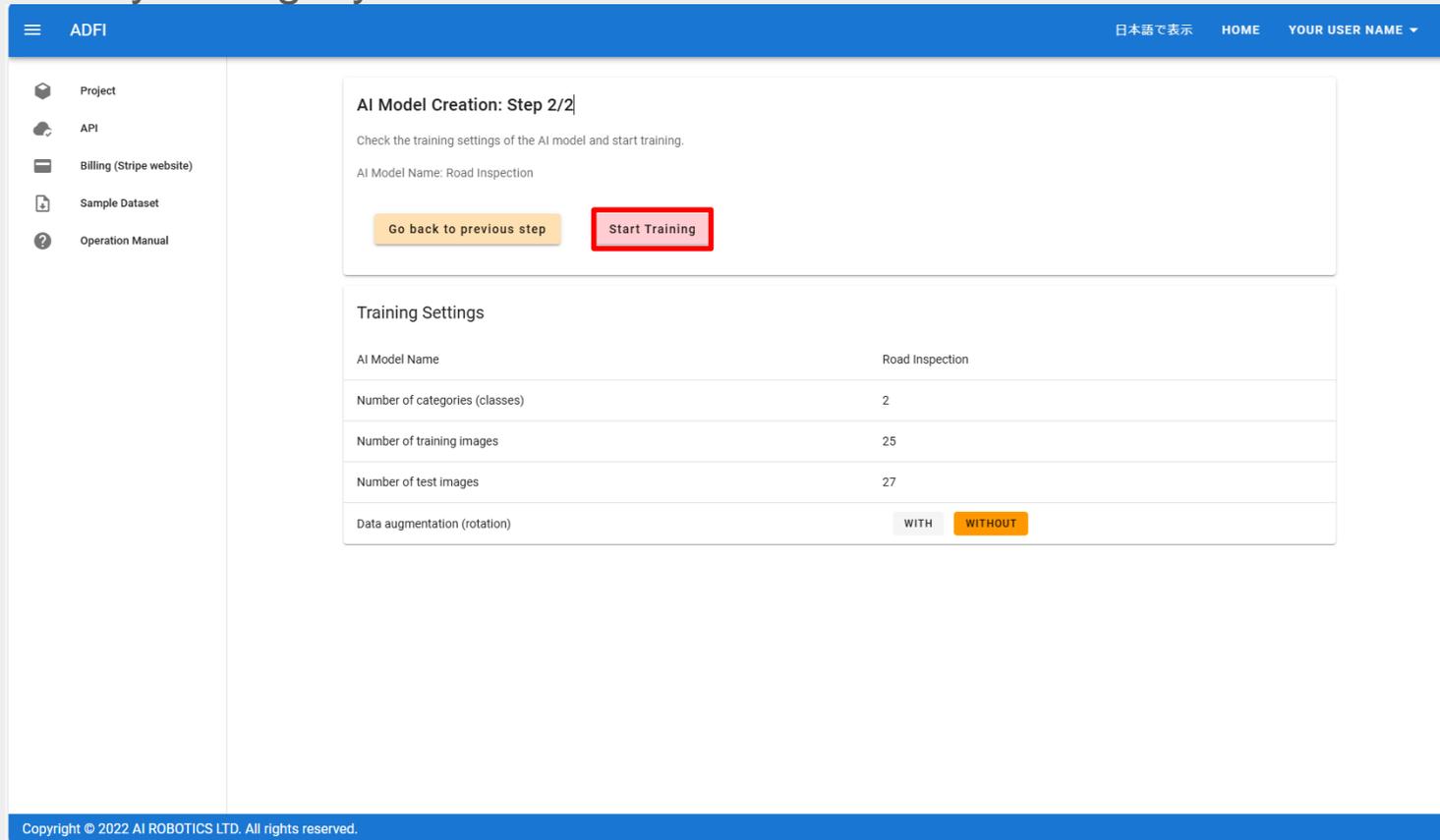
The screenshot shows the ADFI web interface for creating an AI model. The top navigation bar includes a menu icon, the ADFI logo, a language selector (日本語で表示), HOME, and a user profile (YOUR USER NAME). A left sidebar contains navigation links for Project, API, Billing (Stripe website), Sample Dataset, and Operation Manual. The main content area is titled '<< Back to AI Model Detail Page' and 'AI Model Creation: Step 1/2'. It contains instructions: 'Please create a category (class) that you want to distinguish using image recognition AI. Two or more categories are required for AI model training. You can also use existing categories that you have already created in this project.' Below this, the 'AI Model Name' is set to 'Road Inspection'. Four buttons are visible: 'Create new category', 'Add existing category', 'Take training images with smartphone', and 'Proceed to next step', which is highlighted with a red border. Below the buttons, two category cards are shown: 'Crack' (10 training images, 7 test images) and 'Normal' (15 training images, 20 test images). Each card includes an image of a crack on a surface and 'Edit', 'Remove', and 'Delete' buttons. The footer contains the copyright notice: 'Copyright © 2022 AI ROBOTICS LTD. All rights reserved.'

Create an image recognition AI

22. We will show registration information you have uploaded the number of images on Training Settings pane.

If the content is correct, press **Start Training** button to create AI model.

* If 'Data augmentation(rotation)' is set to 'WITH', AI recognition accuracy is enhanced even when the image is upside-down or left-right reversed. However, the learning time will be longer. In addition, the recognition accuracy for the normal state of the top and bottom and left and right sides of the image may be slightly reduced.



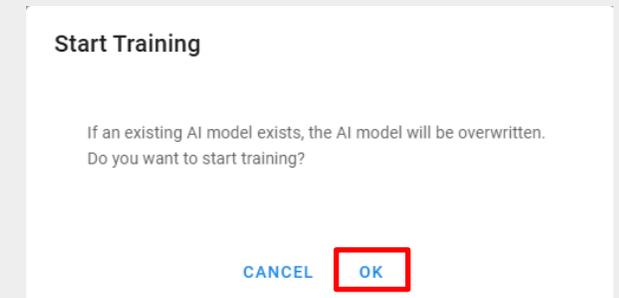
The screenshot shows the ADFI web interface. The top navigation bar includes a menu icon, 'ADFI', and links for '日本語で表示', 'HOME', and 'YOUR USER NAME'. The left sidebar contains navigation items: Project, API, Billing (Stripe website), Sample Dataset, and Operation Manual. The main content area is titled 'AI Model Creation: Step 2/2' and contains the following information:

Check the training settings of the AI model and start training.
AI Model Name: Road Inspection

Buttons: **Go back to previous step** (orange), **Start Training** (red box)

Training Settings

AI Model Name	Road Inspection
Number of categories (classes)	2
Number of training images	25
Number of test images	27
Data augmentation (rotation)	<input type="radio"/> WITH <input checked="" type="radio"/> WITHOUT



Start Training

If an existing AI model exists, the AI model will be overwritten.
Do you want to start training?

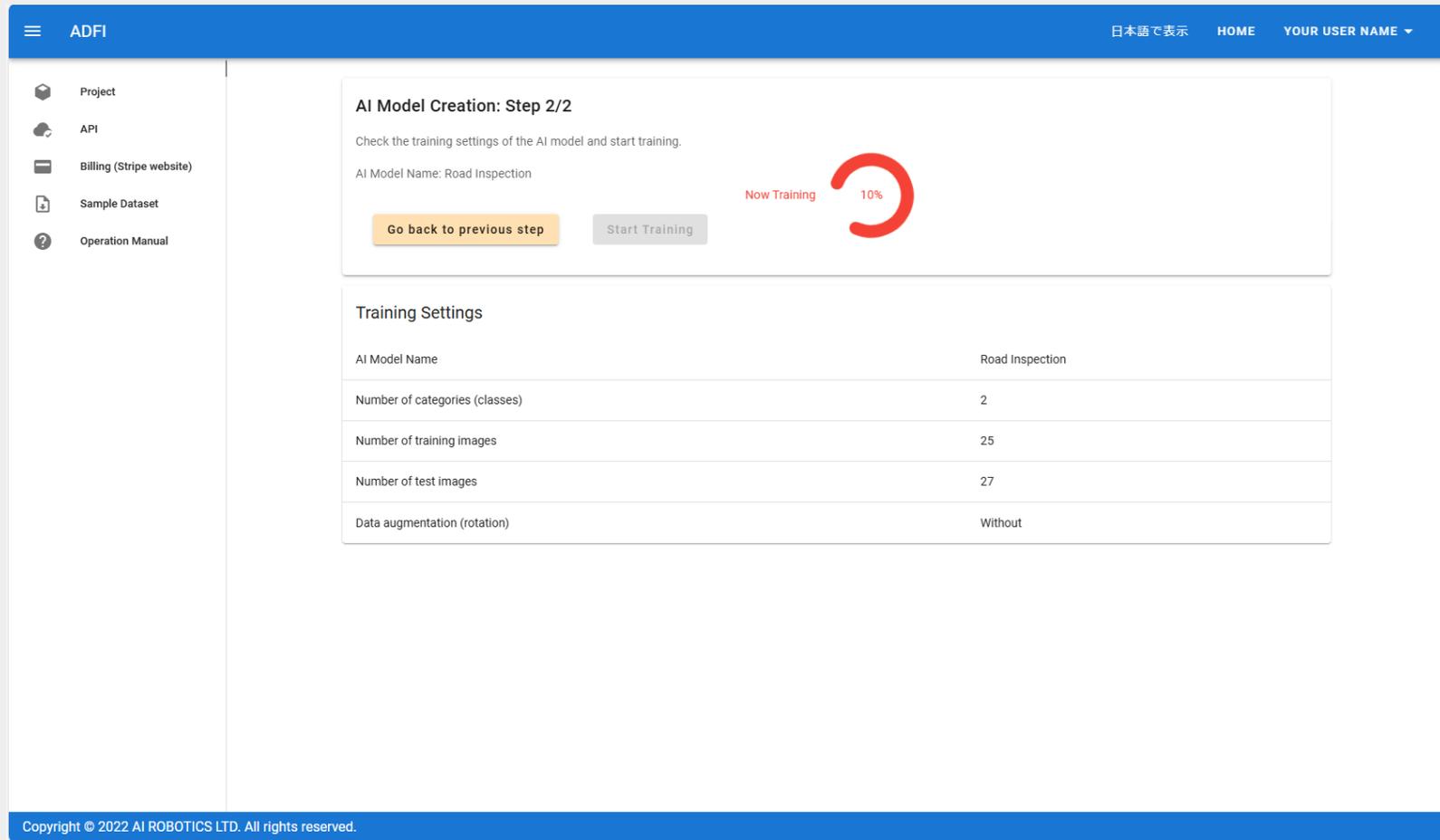
Buttons: CANCEL, **OK** (red box)

Create an image recognition AI

23. We will display learning status.

Please wait for a while until the learning process is complete.

* The length of the learning time is proportional to the number of training images.



The screenshot displays the ADFI web interface during the AI Model Creation process. The top navigation bar is blue and contains the ADFI logo, a language selector (日本語で表示), a HOME link, and a user profile dropdown (YOUR USER NAME). The left sidebar menu includes Project, API, Billing (Stripe website), Sample Dataset, and Operation Manual. The main content area is titled "AI Model Creation: Step 2/2" and contains the following information:

- Check the training settings of the AI model and start training.
- AI Model Name: Road Inspection
- Buttons: "Go back to previous step" (orange) and "Start Training" (grey).
- Progress indicator: "Now Training" with a red circular progress bar at 10%.

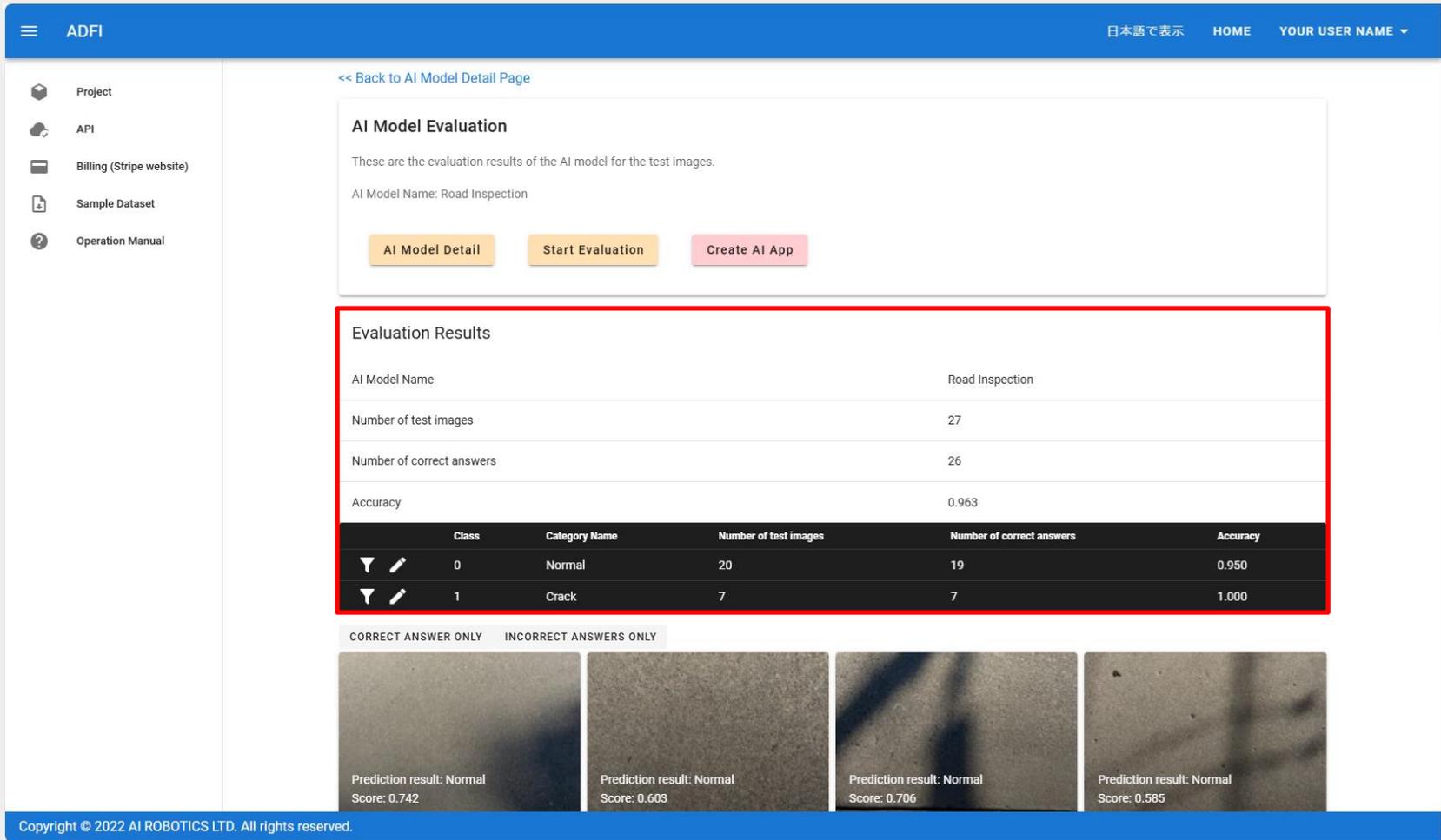
Below the progress indicator is a "Training Settings" table:

Training Settings	
AI Model Name	Road Inspection
Number of categories (classes)	2
Number of training images	25
Number of test images	27
Data augmentation (rotation)	Without

The footer of the interface contains the text: Copyright © 2022 AI ROBOTICS LTD. All rights reserved.

Create an image recognition AI

24. After training of the AI model has been completed, AI Model Evaluation screen appears automatically. You can check the accuracy of the AI for the entire evaluation image on Evaluation Results pane. The AI identification results for each image are displayed at the bottom of the screen.



ADFI 日本語で表示 HOME YOUR USER NAME

<< Back to AI Model Detail Page

AI Model Evaluation

These are the evaluation results of the AI model for the test images.

AI Model Name: Road Inspection

AI Model Detail Start Evaluation Create AI App

Evaluation Results

AI Model Name	Road Inspection
Number of test images	27
Number of correct answers	26
Accuracy	0.963

	Class	Category Name	Number of test images	Number of correct answers	Accuracy
▼ ✎	0	Normal	20	19	0.950
▼ ✎	1	Crack	7	7	1.000

CORRECT ANSWER ONLY INCORRECT ANSWERS ONLY

Prediction result: Normal Score: 0.742

Prediction result: Normal Score: 0.603

Prediction result: Normal Score: 0.706

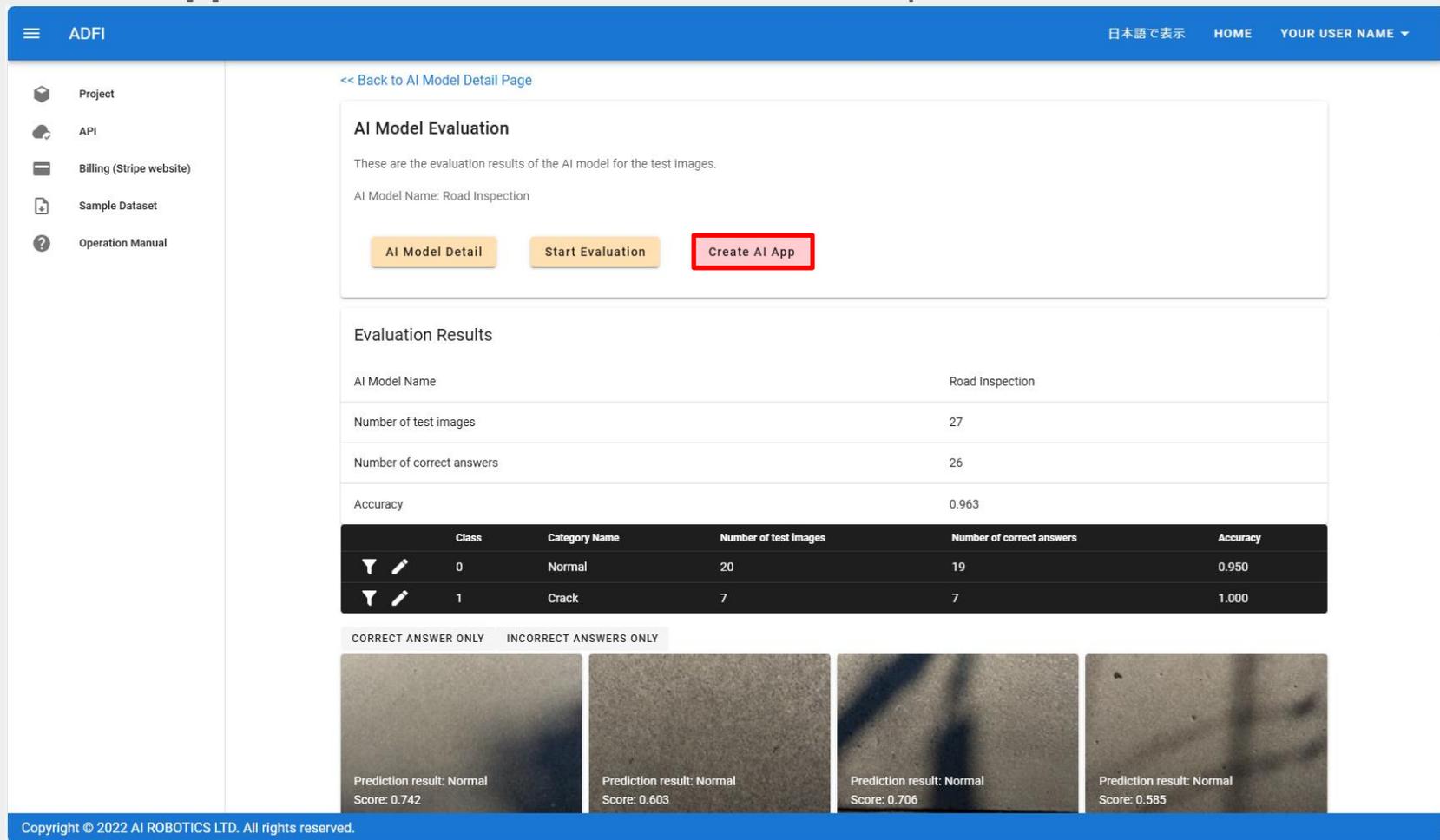
Prediction result: Normal Score: 0.585

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3. Create an AI app

Create an AI app

1. You could have created an image recognition AI in step 2.
The next step is to create an AI application.
Press the **Create AI App button** on the AI Model Evaluation pane.



ADFI 日本語で表示 HOME YOUR USER NAME

<< Back to AI Model Detail Page

AI Model Evaluation

These are the evaluation results of the AI model for the test images.

AI Model Name: Road Inspection

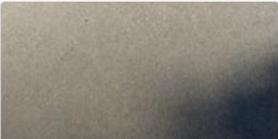
[AI Model Detail](#) [Start Evaluation](#) [Create AI App](#)

Evaluation Results

AI Model Name	Road Inspection
Number of test images	27
Number of correct answers	26
Accuracy	0.963

	Class	Category Name	Number of test images	Number of correct answers	Accuracy
▼ ✎	0	Normal	20	19	0.950
▼ ✎	1	Crack	7	7	1.000

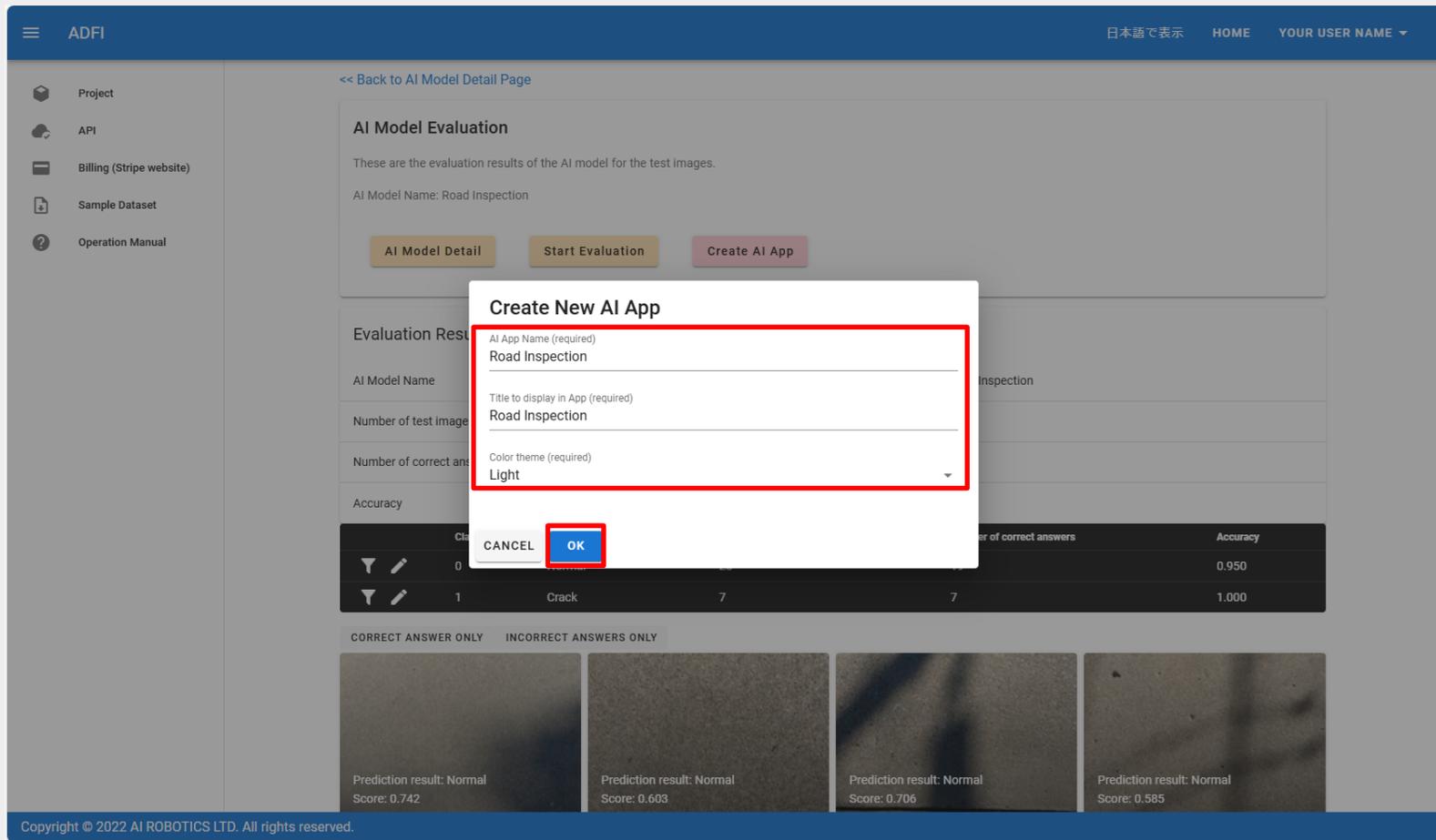
CORRECT ANSWER ONLY INCORRECT ANSWERS ONLY

 Prediction result: Normal Score: 0.742	 Prediction result: Normal Score: 0.603	 Prediction result: Normal Score: 0.706	 Prediction result: Normal Score: 0.585
---	--	--	--

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Create an AI app

2. Enter any name under **AI App Name**, **Title to display in App**. And Select **Color theme**.
3. Press the **OK** button.



The screenshot shows the ADFI web interface. A modal dialog titled "Create New AI App" is open, overlaying the "AI Model Evaluation" page. The dialog contains the following fields:

- AI App Name (required): Road Inspection
- Title to display in App (required): Road Inspection
- Color theme (required): Light

At the bottom of the dialog, there are two buttons: "CANCEL" and "OK". The "OK" button is highlighted with a red box. The background page shows evaluation results for an AI model named "Road Inspection", including a table of accuracy and a grid of image predictions.

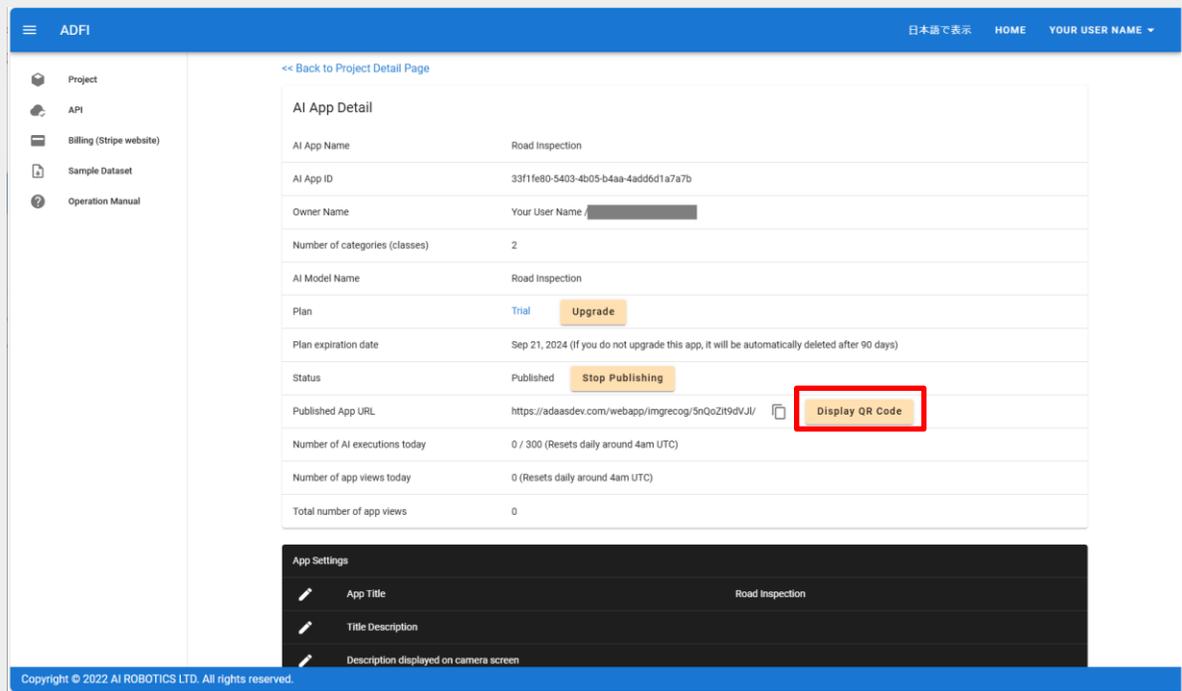
Class	Number of correct answers	Accuracy
0	7	0.950
1 Crack	7	1.000

Below the table, there are four image thumbnails with their respective prediction results and scores:

- Prediction result: Normal, Score: 0.742
- Prediction result: Normal, Score: 0.603
- Prediction result: Normal, Score: 0.706
- Prediction result: Normal, Score: 0.585

Create an AI app

4. If the AI application is successfully created, select **Display QR Code**. We will display a QR code to use the AI application on your smartphone.



ADF I 日本語で表示 HOME YOUR USER NAME

<< Back to Project Detail Page

AI App Detail

AI App Name	Road Inspection
AI App ID	33f1fe80-5403-4b05-b4aa-4add6d1a7a7b
Owner Name	Your User Name
Number of categories (classes)	2
AI Model Name	Road Inspection
Plan	Trial Upgrade
Plan expiration date	Sep 21, 2024 (If you do not upgrade this app, it will be automatically deleted after 90 days)
Status	Published Stop Publishing
Published App URL	https://adaasdev.com/webapp/imgrecog/5nQo2it9vJ/ Display QR Code
Number of AI executions today	0 / 300 (Resets daily around 4am UTC)
Number of app views today	0 (Resets daily around 4am UTC)
Total number of app views	0

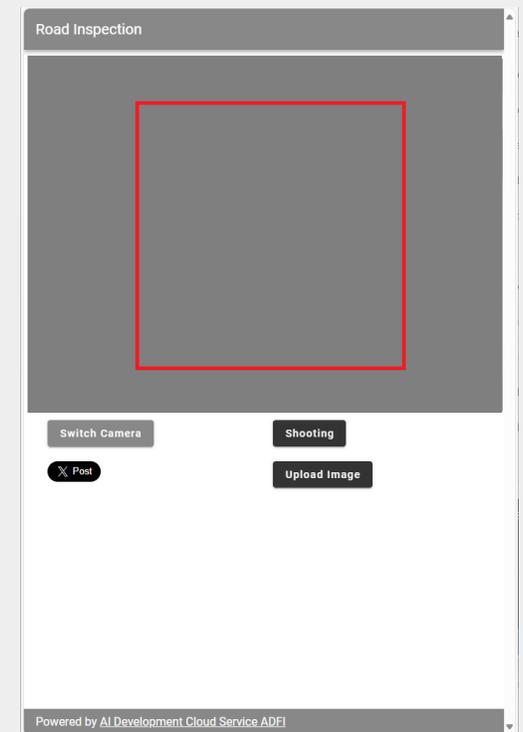
App Settings

App Title	Road Inspection
Title Description	
Description displayed on camera screen	

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AI App



Road Inspection

Switch Camera Shooting

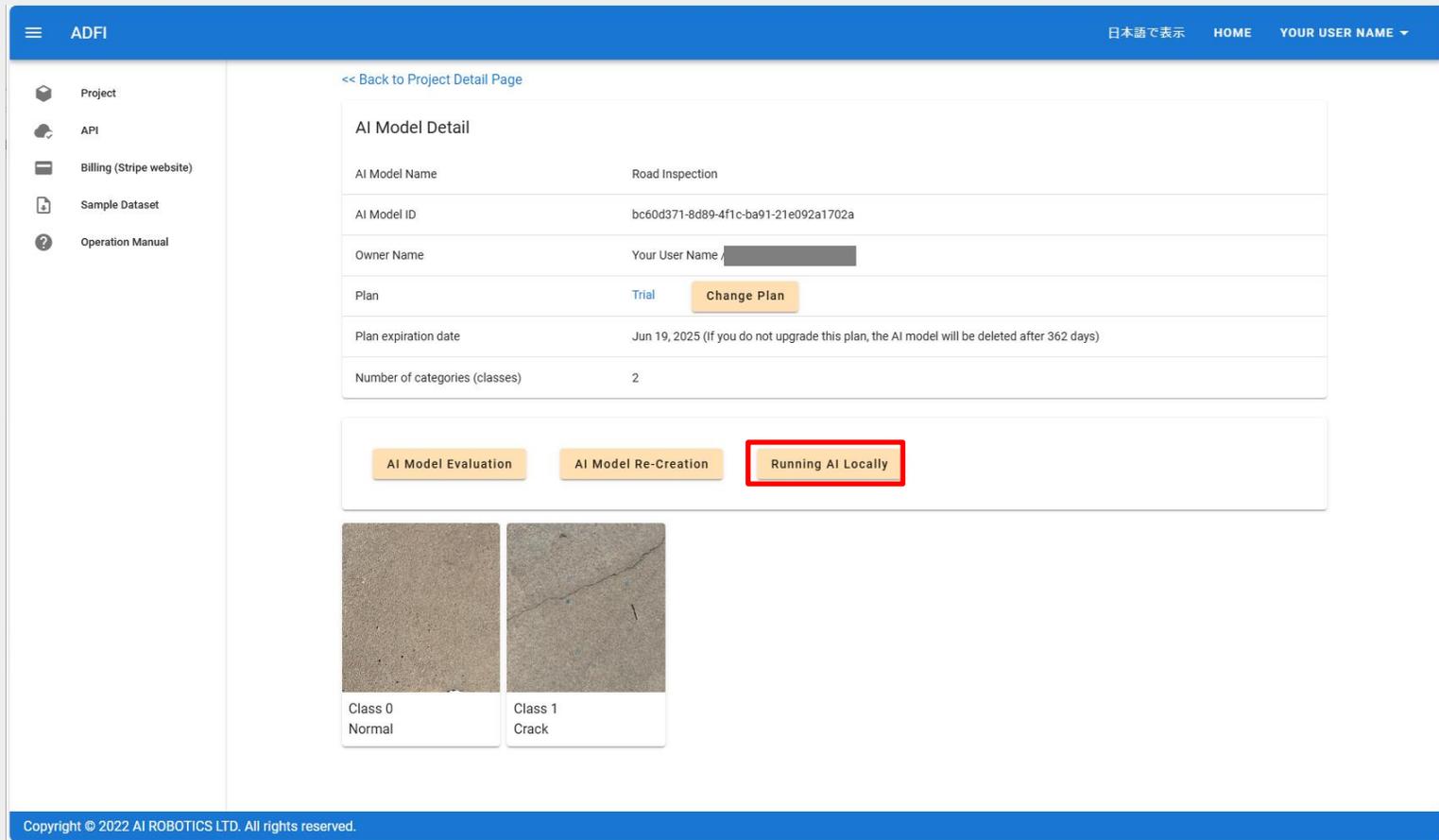
Post Upload Image

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4. Use image recognition AI in your local environment

Use image recognition AI in your local environment

1. The AI model created in step 2 can be used in a local environment, such as your own PC or Server. Press the **Running AI Locally** on the AI Model Detail pane.



ADFI 日本語で表示 HOME YOUR USER NAME

<< Back to Project Detail Page

AI Model Detail

AI Model Name	Road Inspection
AI Model ID	bc60d371-8d89-4f1c-ba91-21e092a1702a
Owner Name	Your User Name
Plan	Trial Change Plan
Plan expiration date	Jun 19, 2025 (If you do not upgrade this plan, the AI model will be deleted after 362 days)
Number of categories (classes)	2

[AI Model Evaluation](#) [AI Model Re-Creation](#) [Running AI Locally](#)



Class 0
Normal



Class 1
Crack

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Use image recognition AI in your local environment



- 2. You can download the AI model.
We will display 'AI models and licenses for local' screen, select **Download your AI Model for Local** button.

✕ AI models and licenses for local CLOSE

You can download the AI model you create on ADFI and run it in your local environment. Please refer to sample_vit.py in the module and run the AI model in your local environment.

Download your AI Model for Local

Download module to run AI model locally This module can be used in Python3.8, 3.9, 3.10 environments.

Status	Name	AI Model File Name	License Type	Start Date	Expiration Date	AI Model
No data available						

Rows per page: 10 ▾ - < >

Use image recognition AI in your local environment



3. The local execution license information for the downloaded AI model is displayed at the bottom of the screen.

You can confirm the status, type and expiry date of your license.

* By upgrading to a paid plan (local execution plan), the licence type can be changed to 'paid license (auto-renewal)'.

AI models and licenses for local CLOSE

You can download the AI model you create on ADFI and run it in your local environment. Please refer to sample_vit.py in the module and run the AI model in your local environment.

[Download your AI Model for Local](#) The number of licenses has reached the upper limit. Deactivating your existing license will make it available for download.

[Download module to run AI model locally](#) This module can be used in Python3.8, 3.9, 3.10 environments.

Status	Name	AI Model File Name	License Type	Start Date	Expiration Date	AI Model
ACTIVE	Road Inspection	runtime_Road_Inspection_20240623_113620_71.vit_model	TRIAL LICENSE	Jun 23, 2024	Sep 21, 2024	DOWNLOAD

Rows per page: 10 1-1 of 1 < >

Use image recognition AI in your local environment



4. You can download the AI model execution module(Python program) from the **‘Download module to run AI model locally’**.

You can run the AI model you have downloaded in your local environment using the sample program in the folder as a reference.

AI models and licenses for local CLOSE

You can download the AI model you create on ADFI and run it in your local environment. Please refer to sample_vit.py in the module and run the AI model in your local environment.

[Download your AI Model for Local](#) The number of licenses has reached the upper limit. Deactivating your existing license will make it available for download.

[Download module to run AI model locally](#) This module can be used in Python3.8, 3.9, 3.10 environments.

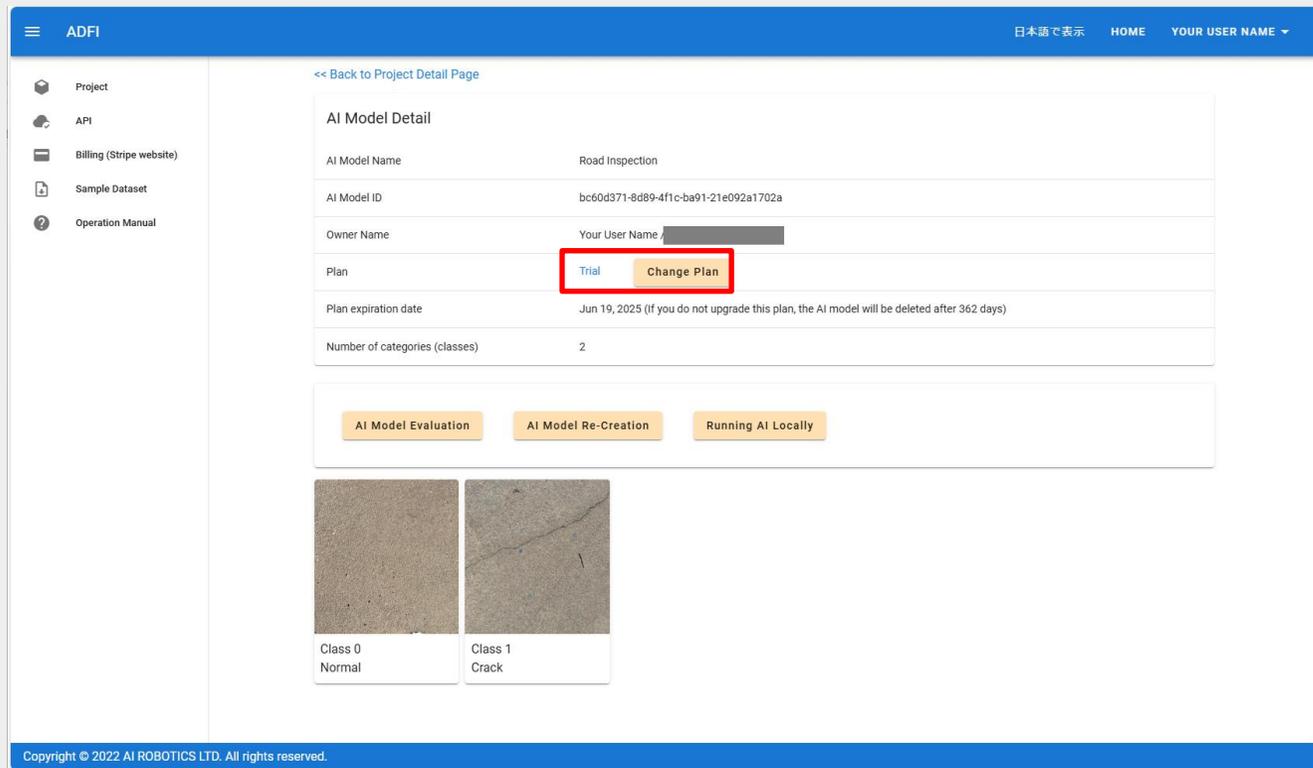
Status	Name	AI Model File Name	License Type	Start Date	Expiration Date	AI Model
ACTIVE	Road Inspection	runtime_Road_Inspection_20240623_113620_71.vit_model	TRIAL LICENSE	Jun 23, 2024	Sep 21, 2024	DOWNLOAD

Rows per page: 10 1-1 of 1 < >

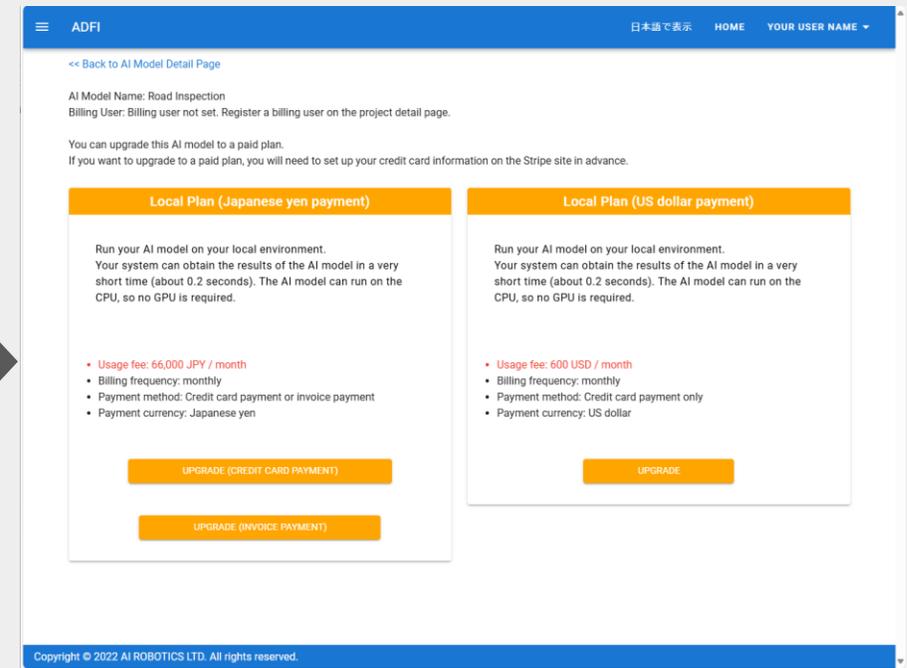
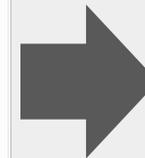
5. Reference information (Upgrading to a paid plan)

Reference information (Upgrading to a paid plan)

1. If you want to upgrade to a paid plan, select **Change Plan** button on the AI Model Detail pane.
 2. We will display plan change screen, and you can change your AI model or AI application to a paid plan on this screen.
- * To change to a paid plan, you need to register a credit card or your billing information.



The screenshot shows the 'AI Model Detail' page. The 'Plan' section has two buttons: 'Trial' and 'Change Plan'. The 'Change Plan' button is highlighted with a red box. Below the plan details, there are three buttons: 'AI Model Evaluation', 'AI Model Re-Creation', and 'Running AI Locally'. At the bottom, there are two image thumbnails labeled 'Class 0 Normal' and 'Class 1 Crack'.



The screenshot shows the plan change screen. It features two main sections: 'Local Plan (Japanese yen payment)' and 'Local Plan (US dollar payment)'. Each section includes a description of the plan, a list of features (usage fee, billing frequency, payment method, and payment currency), and an 'UPGRADE' button. The 'UPGRADE' button for the Japanese yen plan has two sub-options: 'UPGRADE (CREDIT CARD PAYMENT)' and 'UPGRADE (INVOICE PAYMENT)'. The 'UPGRADE' button for the US dollar plan is a single 'UPGRADE' button.