



**saiwa**  
simple AI web application

# Saiwa New Release



Advanced Demo Interface

Improved Annotating Tools

Increased Security Level

Advanced Ticketing and Notification Services

Fixed Reported Bugs and Errors

Advanced Technical Overview of Services



[www.saiwa.ai](http://www.saiwa.ai)

[twitter.com/saiwa\\_ai](https://twitter.com/saiwa_ai)

[linkedin.com/company/saiwa](https://linkedin.com/company/saiwa)

Increased Security Level

New ML Models

# Advanced Demo Interface

Advanced Demo Interface

In new version of Saiwa, we **simplified the demo tools** so that users can try image processing and machine learning algorithms on their own images using a more handy interface.

Many new functionalities have been added or improved as well like:

**M**ulti threading

**B**ackground service execution

**A**utomatic resizing of large images

**S**topping long jobs

**A**rchive and history

and more ...











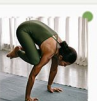

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Description Demo API Archive Read More






📁 ⬇️ 🗑️ ✂️ ▶️ ⚙️

Inputs	Outputs	More Info	Actions
<input type="checkbox"/>  pose5.jff	 <a href="#">Detail...</a>	Execution time:1.04s	🗑️ 📁 ⬇️
<input type="checkbox"/>  pose4.jpg	 <a href="#">Detail...</a>	Execution time:1.31s	🗑️ 📁 ⬇️
<input checked="" type="checkbox"/>  e3.jpg	 <a href="#">Plot</a> <a href="#">Wor...</a> <a href="#">Land...</a>	Execution time:0.46s	🗑️ 📁 ⬇️
<input checked="" type="checkbox"/>  e2.jpg	 <a href="#">Plot</a> <a href="#">Wor...</a> <a href="#">Land...</a>	Execution time:0.48s	🗑️ 📁 ⬇️
<input type="checkbox"/>  pose1.jpg	 <a href="#">Plot</a> <a href="#">Wor...</a> <a href="#">Land...</a>	Execution time:0.46s	🗑️ 📁 ⬇️

Input

📁 Add input from device 📁 🔗







Description Demo API Archive Read More

📄 📁

📄 note:  
 \* Queries count: 1  
 \* Images larger than 1MB or 1M pixels will be resized or reformatted automatically before applying the service.  
 \* Service aggregation: 5 images  
 \* By default saiwa supports png, bmp, jpg, jpeg, jff, gif and webp image formats. For other types of images, please leave us a ticket to add in future.

[Advanced Settings](#) [Apply](#)

	Input Image(s)	Output Image(s)	More Information
<input checked="" type="checkbox"/>			Execution time: 0.49s
<input checked="" type="checkbox"/>			Execution time: 0.48s
<input checked="" type="checkbox"/>			Execution time: 0.42s

📄 note:  
Unexpected results? Send us a ticket with your image(s) attached. We will help you.

[Request for customization](#) [Feedback & comment](#) [Export](#)

New Face

Previous Face



# Advanced Demo Interface

# Increased Security Level

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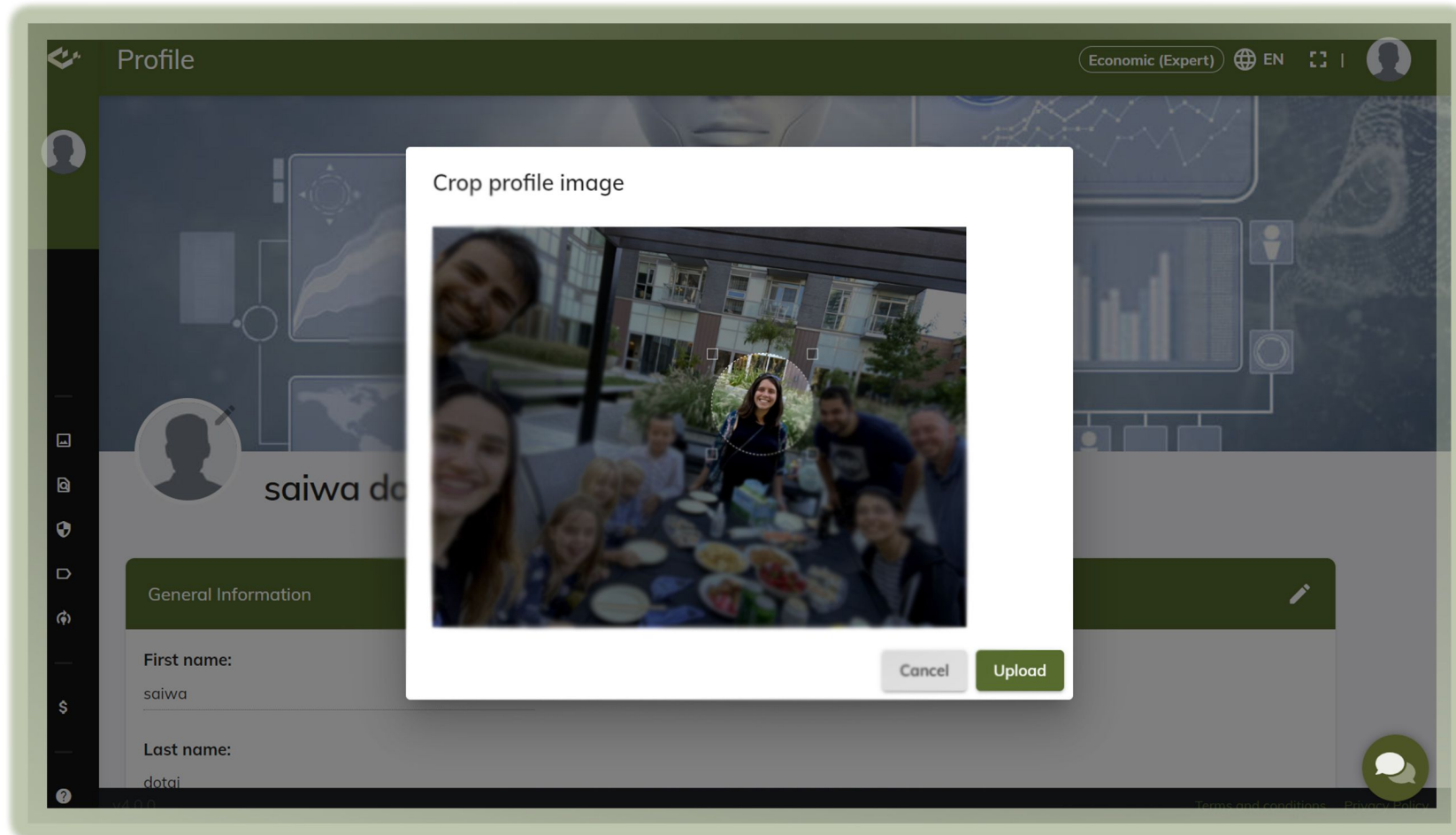
Saiwa security level improved **significantly** by double checking important constraints in the **back-end**. We believe Saiwa is now **completely secure** in the below services and tools:

- 1) Payment via PayPal, Credit Card, etc.
- 2) Pricing and Licensing
- 3) Registration and User Login
- 4) Notification and Ticketing
- 5) Service Execution
- 6) User Cloud Storage

# Improved Profile

We improved user profile with some new features like:

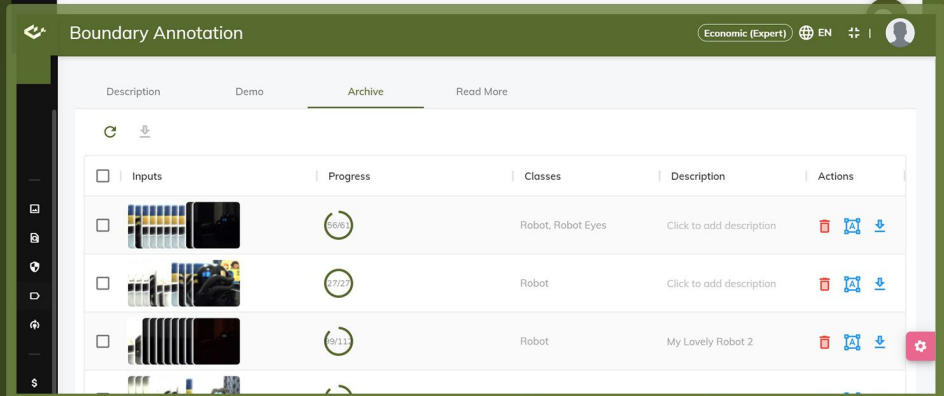
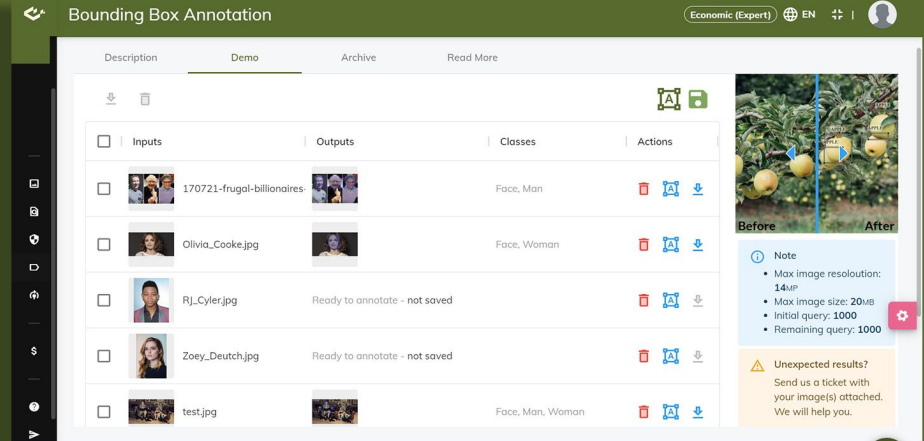
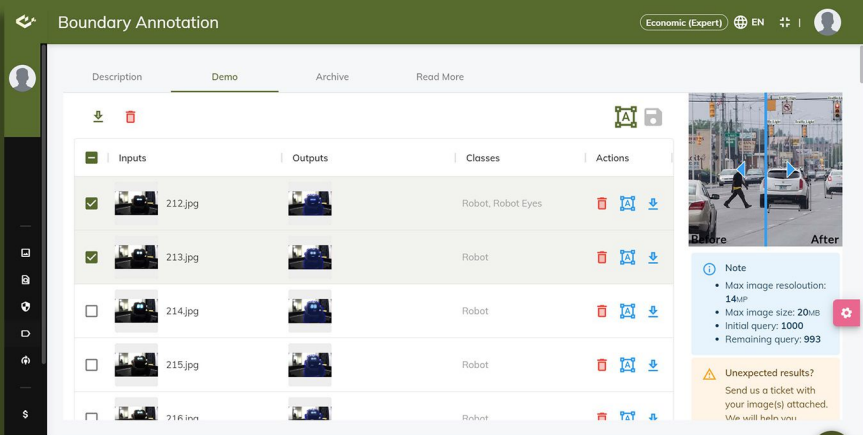
- A) Editing Profile Image
- B) Two Phase Account Removal



# Improved Annotating Tools



We have three Annotating Services on Saiwa: **Boundary**, **Bounding-Box** and **Classification**. Each of these services support one category of Supervised Machine Learning. In the new version of Saiwa we improved the annotating method significantly according to the comments and feed-backs we got from our users. We believe the annotating process will be way faster using this new interface.



# Fixed Reported Bugs and Errors

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Saiwa 2.0 is more **stable** after **fixing multiple bugs** that our clients kindly reported or our test team have detected.

The errors that we fixed in our **new version** include but are not limited to the followings:

**A**nnotated images are not included in export results: **FIXED**

**F**ace recognition service does not work for confidence set to 1: **FIXED**

**W**e can not set confidence parameter for OpenPose: **FIXED**

**I**n some cases after editing from My Annotation, the data is not loaded completely: **FIXED**

**W**e can not remove multiple images from output grid simultaneously: **FIXED**

**W**e would like to run algorithms on multiple images in the background while investigating other services: **FIXED**

# Advanced Ticketing and Notification Services

In Saiwa 2.0, you **will be notified** by all the action points of system from activities on **your account** to payment and ticketing. The ticket interface and tracking **have been improved** significantly as well.



New Ticket Economic (Expert) EN |

Priority \*  
High

Category  
Request for customization

Sub Category  
Object Detection

Subject \*  
Detecting Grapes

**B** *I* U Styles

Dear Saiwa Team,

I would like to use **Detectron2** on my own dataset of **Grapes**. I have attached a few sample images. Please let me know how I can have a model for my specific images.

Best regards,  
Jack White

Attachment  0a1cade03.jpg 0a3bbea4d.jpg 0a4ad45a5.jpg

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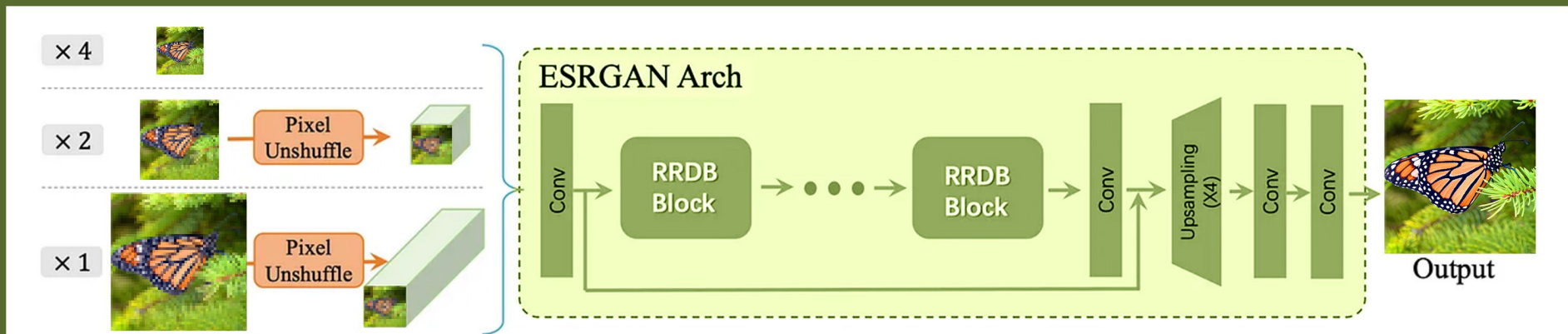


# New ML Models

We have improved the process of adding **new machine learning models** to Saiwa and in future state-of-the-art algorithms will be added **more frequently** to Saiwa services.

For instance, **we upgraded** our Resolution Enhancement Service by adding advanced **Real-ESRGAN** model which is a novel super resolution network and in some cases shows **advantages** over RDN and RRDN networks that we already employed on Saiwa.

## Real-ESRGAN Network Architecture

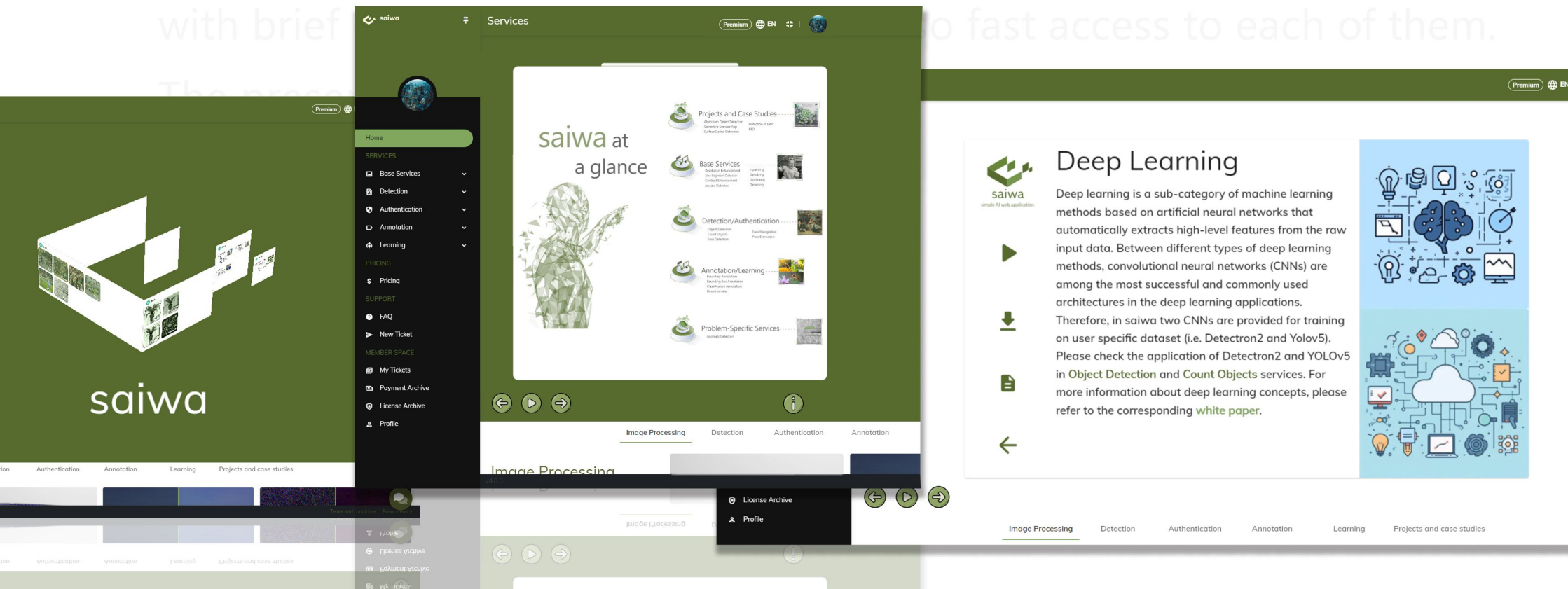


# Advanced Technical Overview of Services

Last but not Least, we have added an information banner to homepage with brief description of services and also fast access to each of them.

The presentation banner explains our previous projects as well.

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For more information

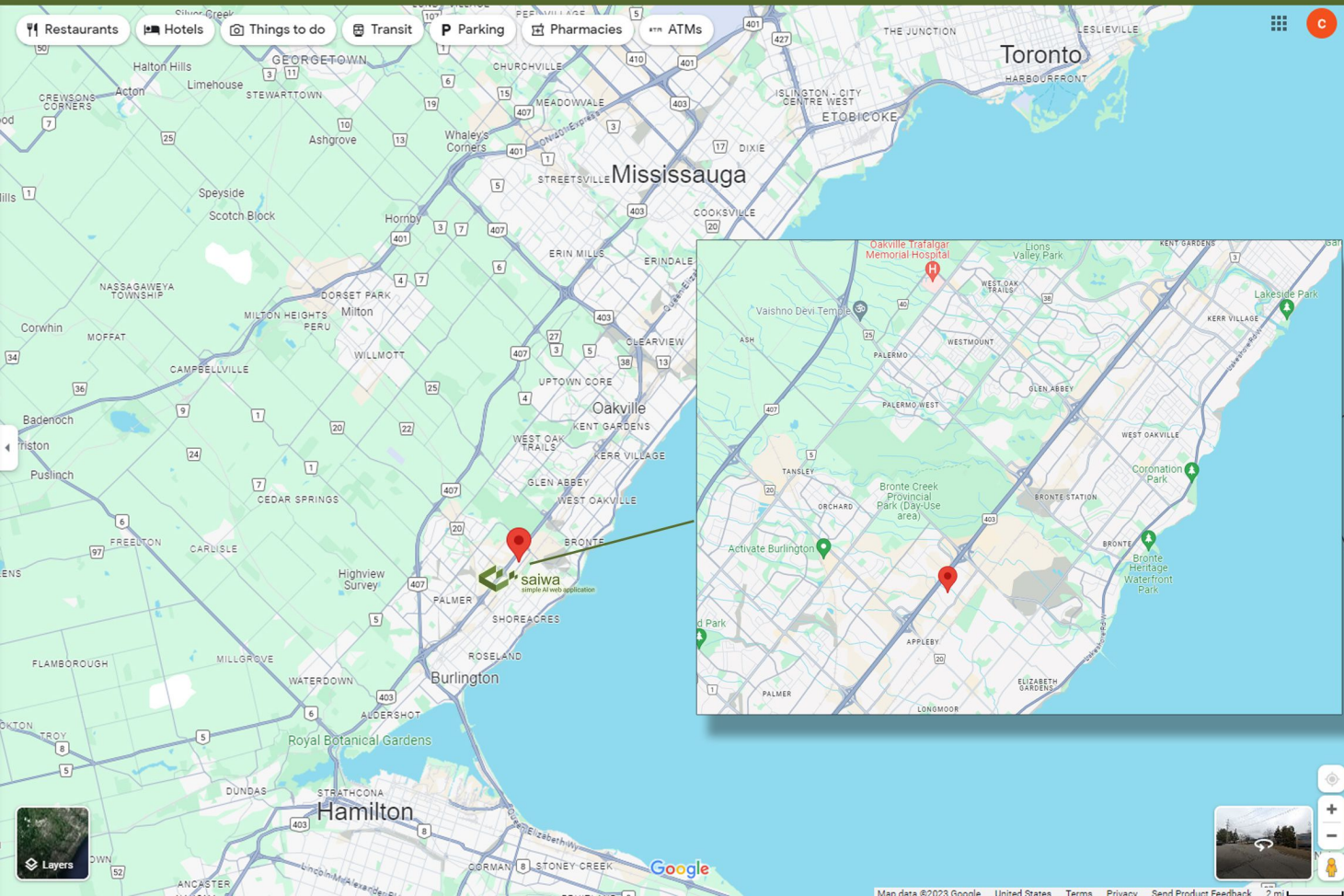


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