

# Automated Testing Tool

*A tool designed specifically for the business tests.*

*No technical skill required!*

*Developed to facilitate the stakeholder's acceptance*

## CONTACTS

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## FEATURES

- No technical skill required
- Very powerful
- Data driven method
- Roles: Tester, Designer, Admin
- Ready for ECAS login
- Export in Excel/.json
- Batch/cron mode

## TECHNICAL

- Playwright
- JavaScript/Node.js
- Vue 3 (user interface)
- REST API Server
- Database: MySQL

## Launched:

05/2025

## History of the Robot:

- 2019-2024, Robot is used at DG INTPA to test a very complex financial application.
- 2024, a version based on a web interface is created.
- 2025, a migration of the backend to Playwright

## Performance:

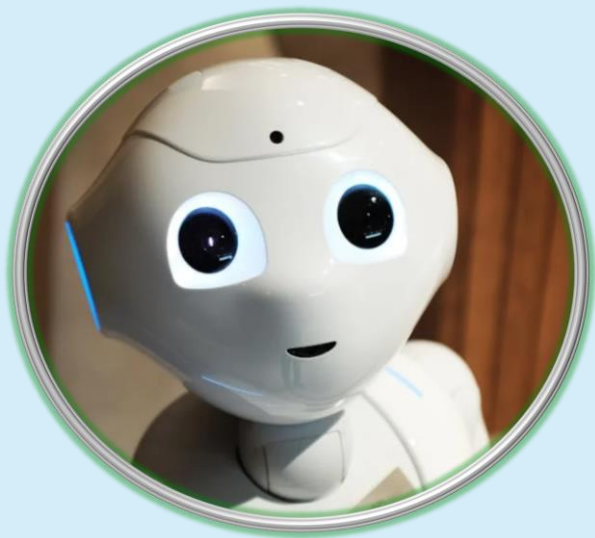
- Quick tests execution
- Multi browsers
- Ready for mobile

## Rules Engine:

- Make decision
- sub scenario

## Artificial Intelligence:

- Detect fields
- Training tool
- Natural language (proto)



# Automated Tests Tool

*What is the added-value of this new version powered by Playwright ?*

**Playwright** offers several advantages, making it a more modern and efficient choice for web automation and testing.

It excels in speed, reliability, ease of use, and advanced features like auto-waiting, robust locators, and tracing.

## **Installation:**

Only node.js libraries, no external drivers (so less issues with the corporate security of the customer)

## **Speed:**

Compared to the previous version, we gain 87% of performance. This is very important, when you want to use the tool to generate data ready to be used for the business (or stakeholders)

## **Cross-Browser & Devices:**

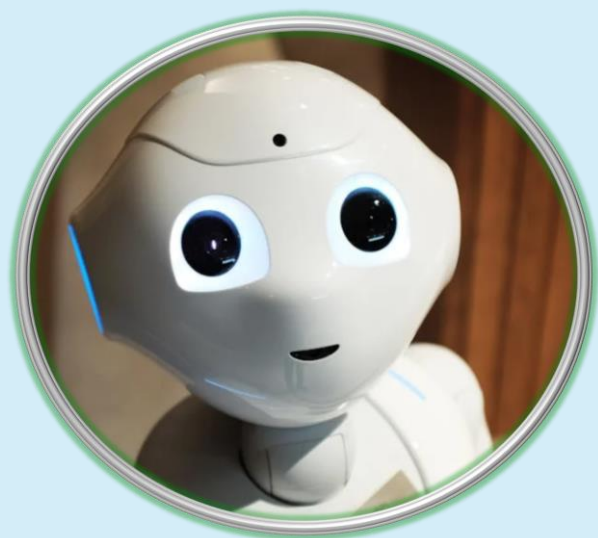
It's very easy to change the browser for the execution (just a reference). It's also possible to simulate a device (smartphone, tablet....). You can also run the tests in headless mode.

## **Reliability:**

More reliable, especially with auto-waiting and robust locators.

## **Fully compliant with the previous behaviors:**

Only the back-end has been migrated, the powerful behaviors are still there: rules engine, dataset, dictionary, able to process very complex scenarios....

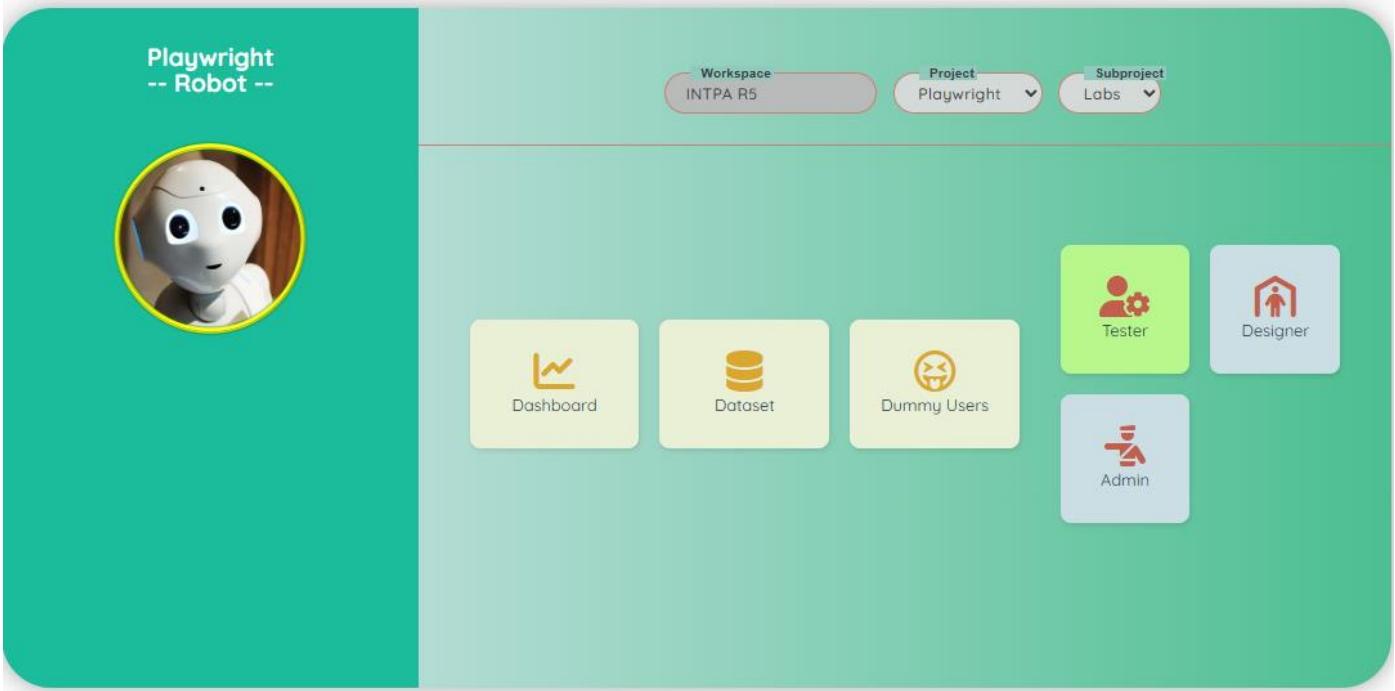


# Automated Tests Tool

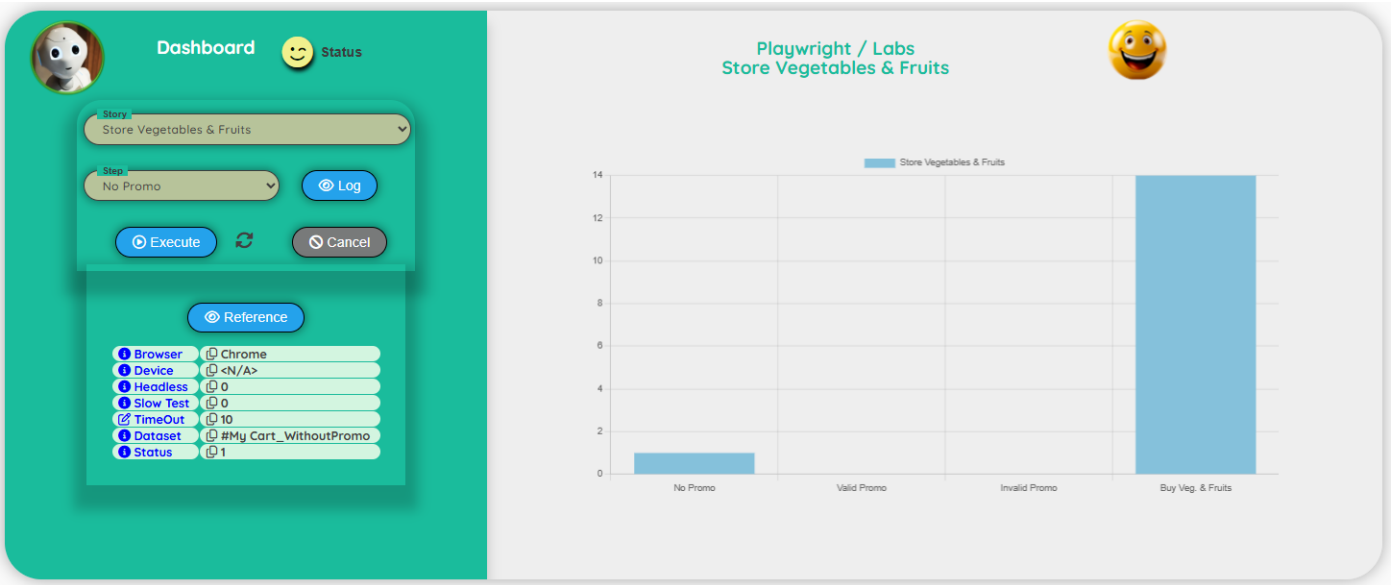
*Because the tester can be a business analyst, we provide an easy-to-use interface, without technical jargon!*  
*Tester is responsible for the data and the dummy users.*

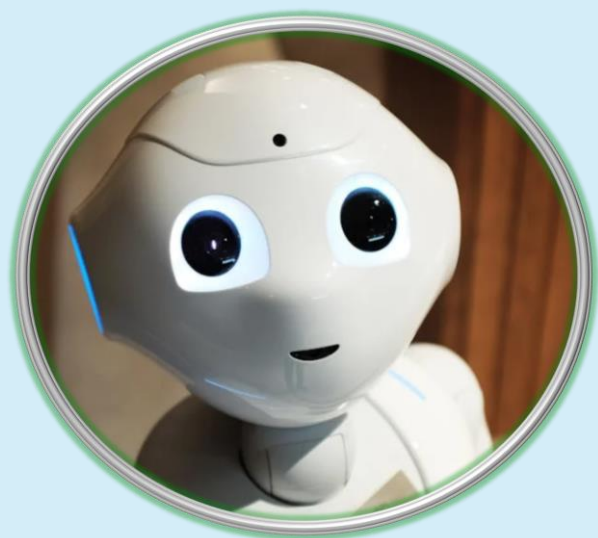
## TESTER

*User interface:*



*Dashboard for the execution*





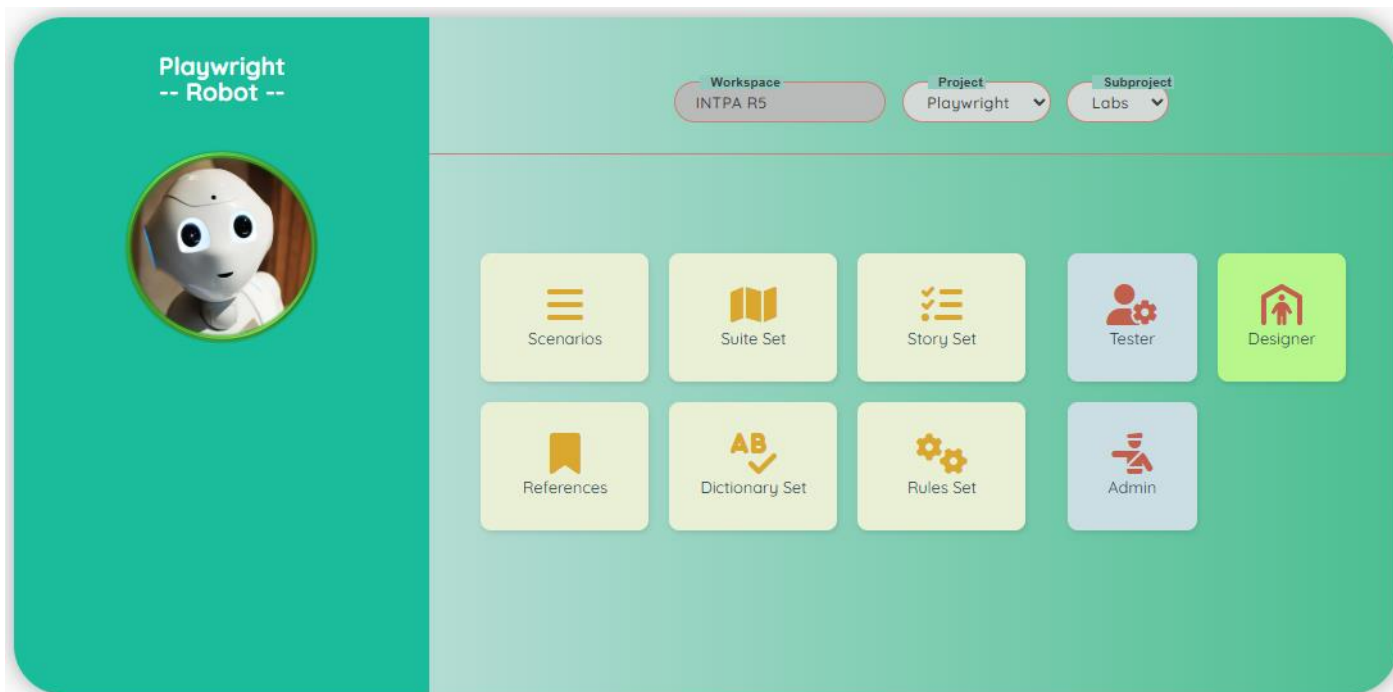
# Automated Tests Tool

*Designer is responsible of the creation of the scenarios, the dictionary, the rules and the references.*

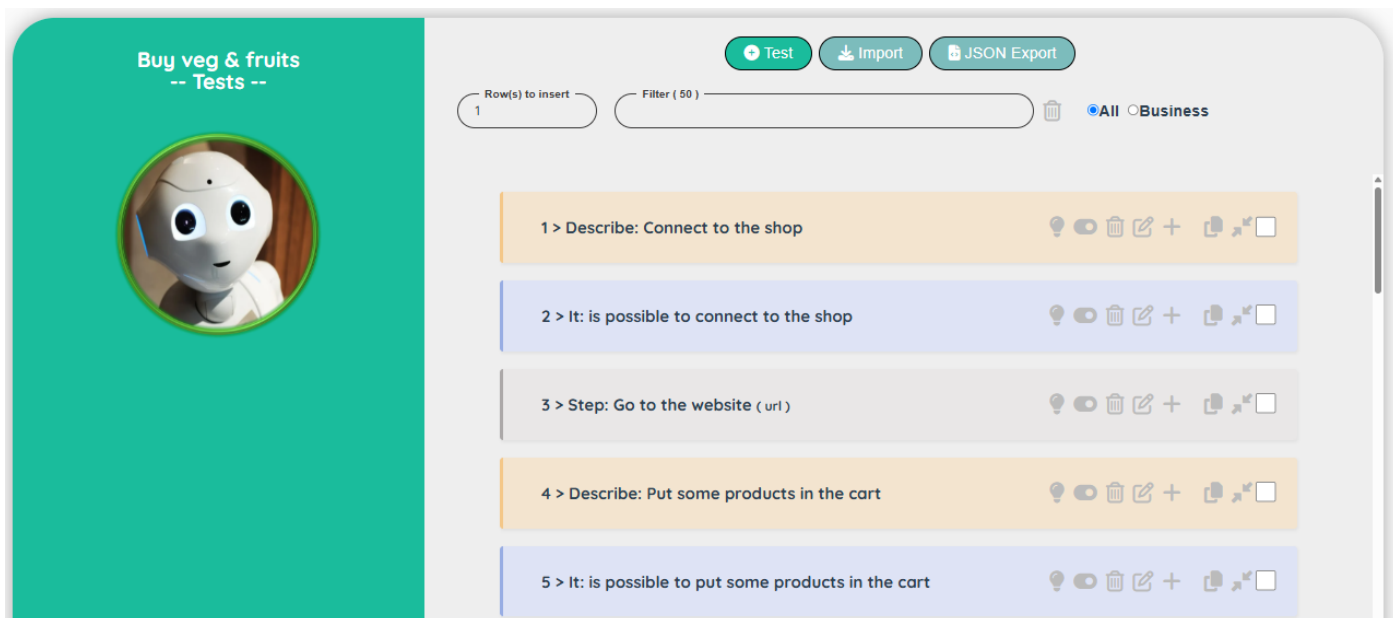
*Interface is designed to be efficient: copy/paste, import/export, natural language...*

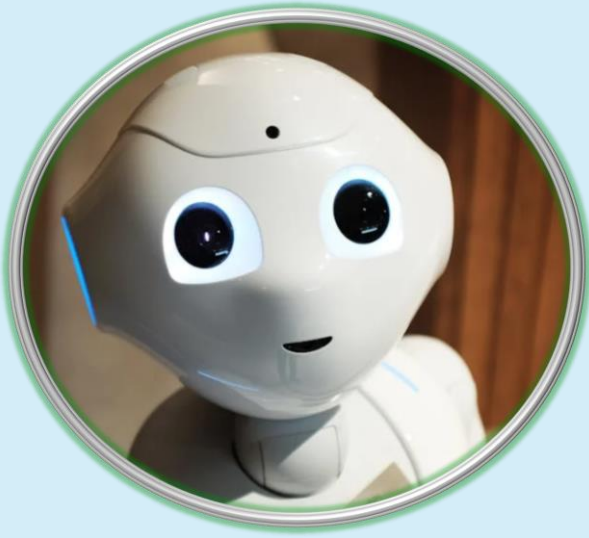
## DESIGNER

*User interface:*



## *Designing a scenario*



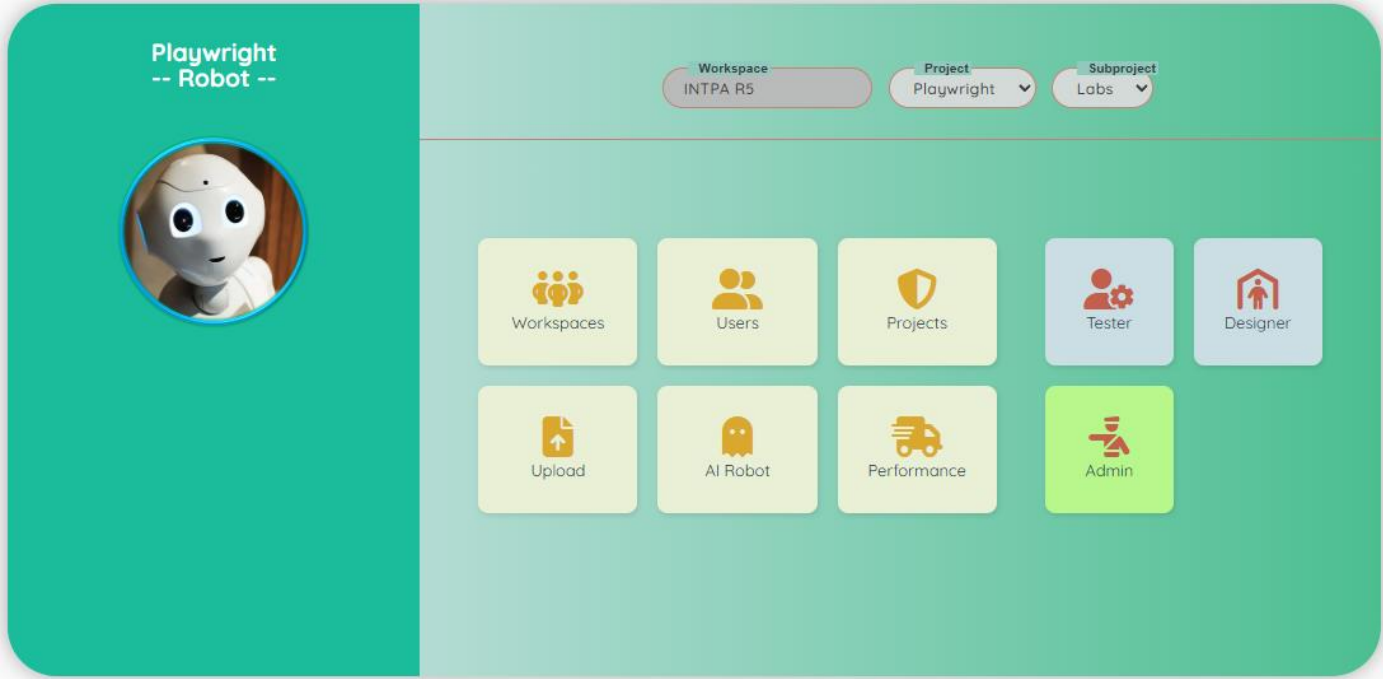


# Automated Tests Tool

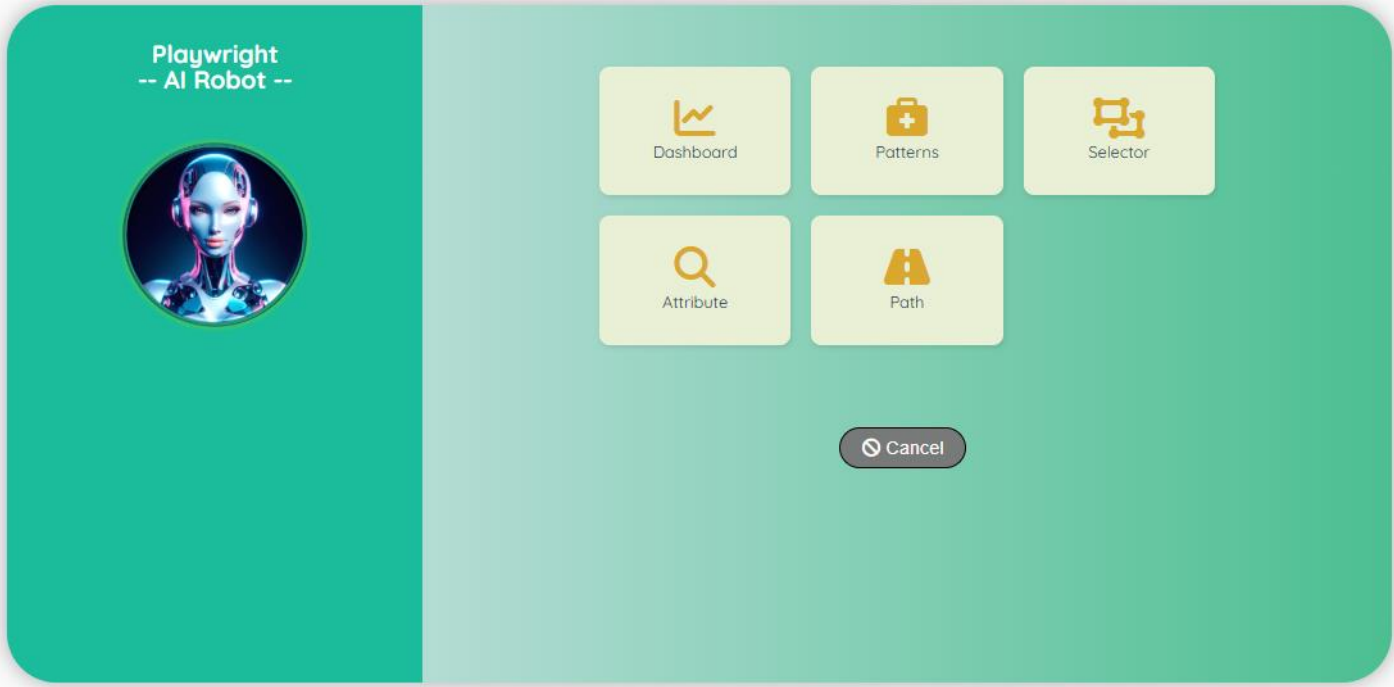
*Administrator is responsible for the management of the projects. He is responsible of the documents and the training of the Robot with AI. (after the training, the Robot can detect an element on the page)*

## ADMINISTRATOR

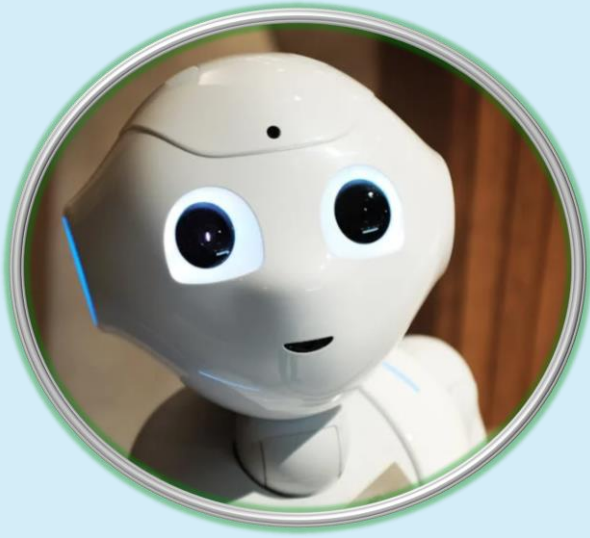
*User interface:*



## Train the Robot with AI







# Automated Tests Tool

*Documentation is very important!  
For each role, we have dedicated  
books to help the people*

## TESTER

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Tester Manual](#)[!\[\]\(f5126919fb264baa65afc980ba29ad65\_img.jpg\)  
Flyer](#)

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Designer](#)

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Admin](#)

## DESIGNER

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Designer Manual](#)[!\[\]\(cbcca3b2abdfe141518c48cf6bc6aba0\_img.jpg\)  
Function Manual](#)[!\[\]\(8ce3437344f8611754bc1401342d06ad\_img.jpg\)  
Good Practices](#)

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Natural Language](#)[!\[\]\(31e54632f5e2c67d448a0b4a389c1665\_img.jpg\)  
Admin](#)

## ADMINISTRATOR

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Admin Manual](#)[!\[\]\(fd34dc46992abdabcc6c691dd4892961\_img.jpg\)  
AI Robot Manual](#)[!\[\]\(fc05f50e873e1478da80a83cb4800489\_img.jpg\)  
Robot Presentation](#)

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Designer](#)

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