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.
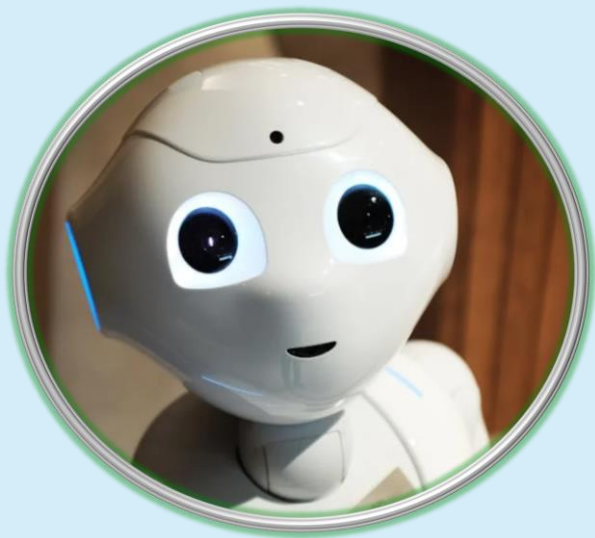- 2025, a migration of the backend to Playwright

Performance:
- Quick tests execution
- Multi browsers
- Ready for mobile

Rules Engine:
- Make decision
- sub scenario

Artificial Intelligence:
- Detect fields
- Training tool
- Natural language (proto)

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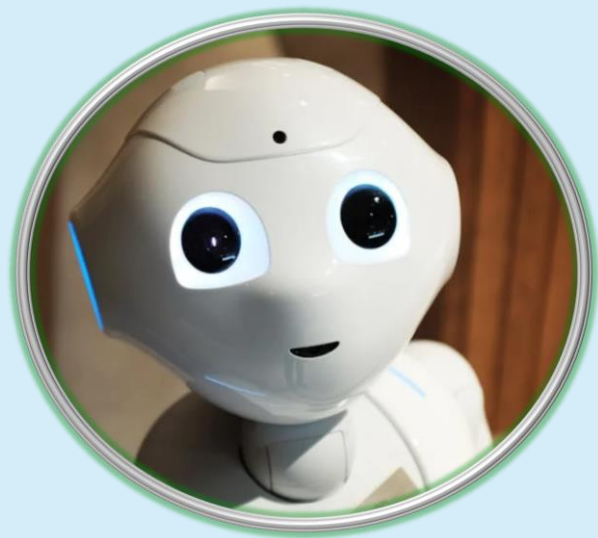
Cross-Browser & Devices:
It's very easy to change the browser for the execution (just a reference). It's also possible to simulate a device (smartphone, tablet….). You can also run the tests in headless mode.

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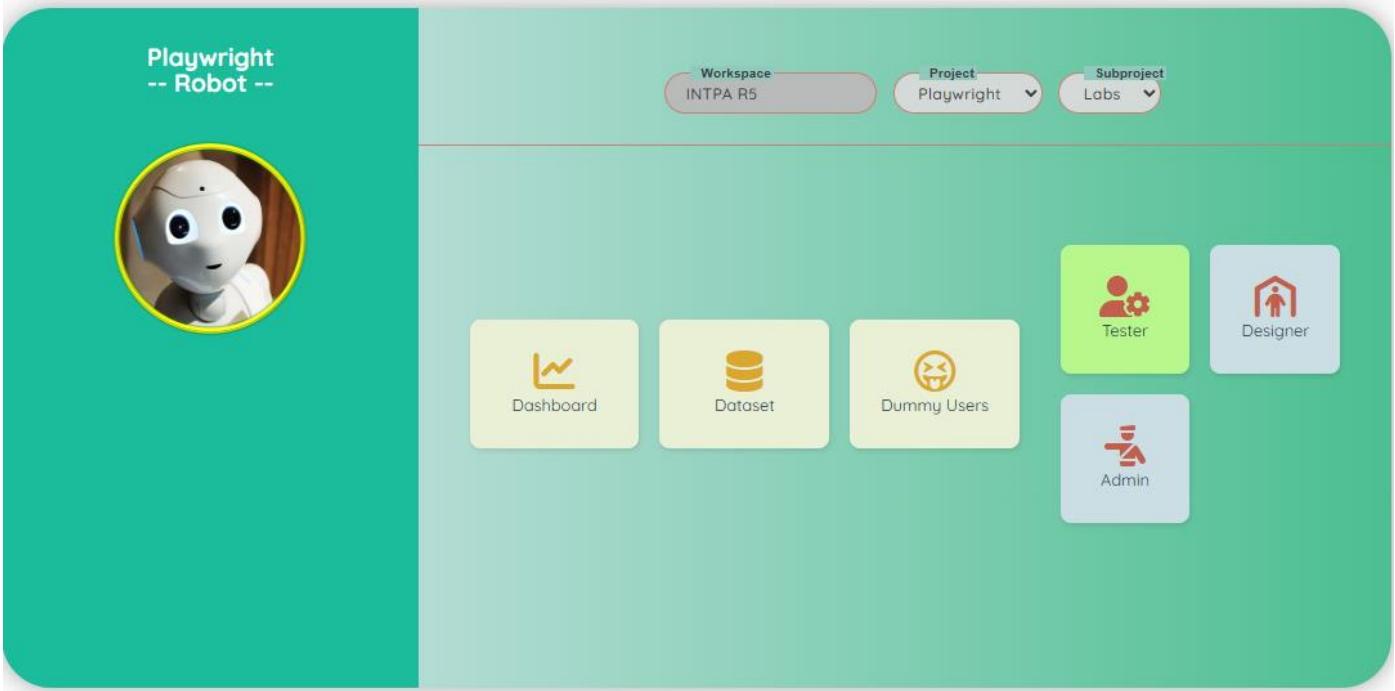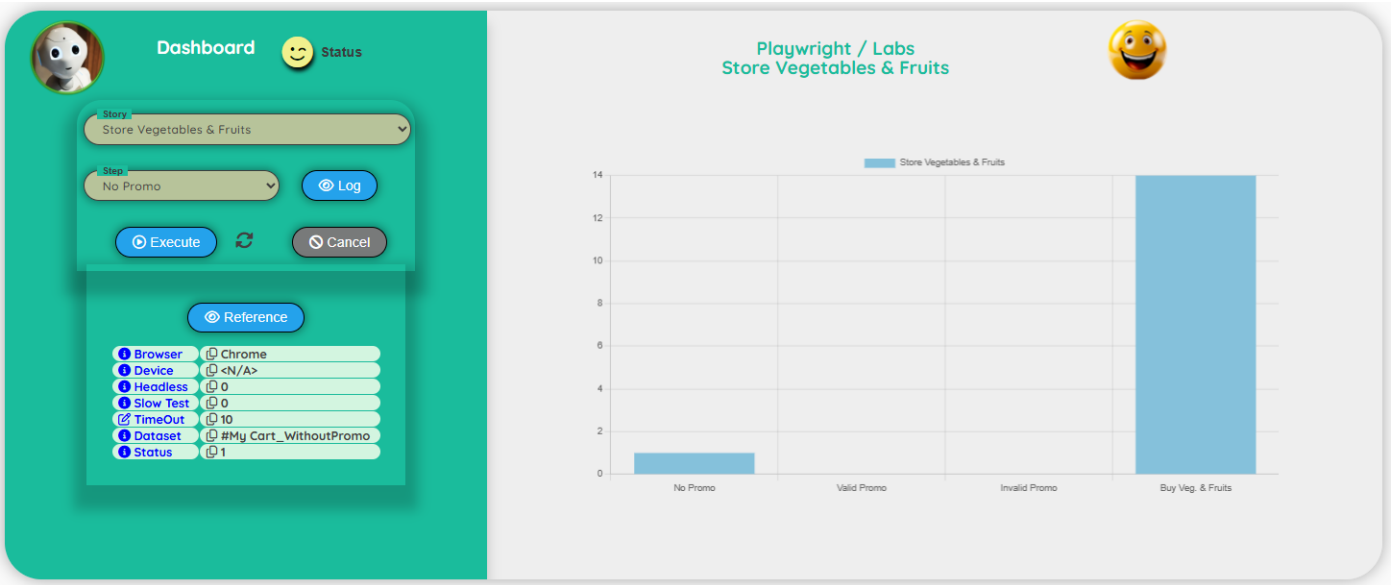
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Because the tester can be a business analyst, we provide an easy-to-use interface, without technical jargon!
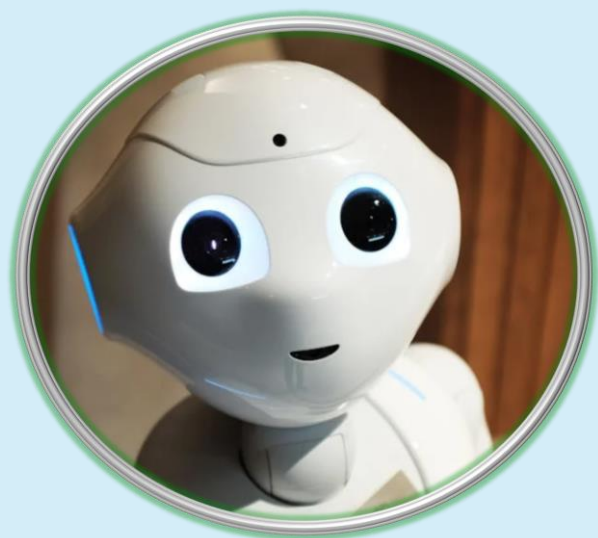*Tester is responsible for the data and the dummy users.*

TESTER

User interface:

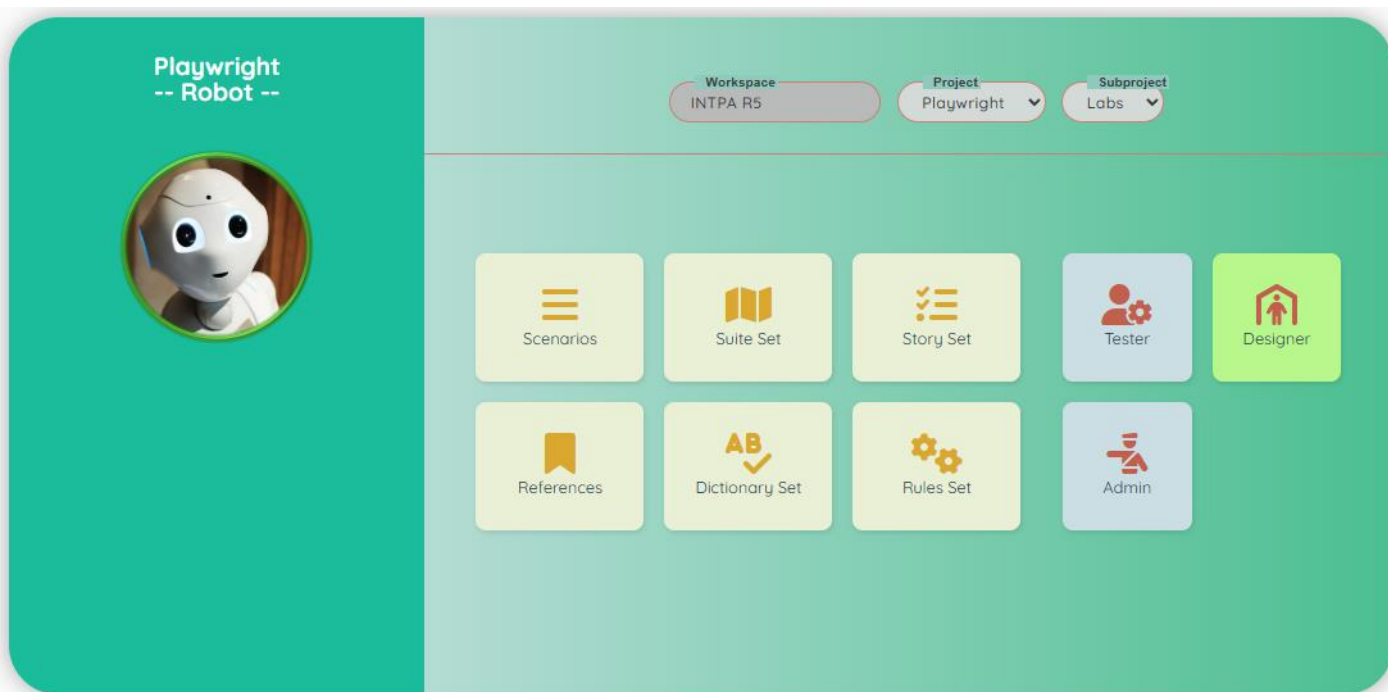### Dashboard for the execution

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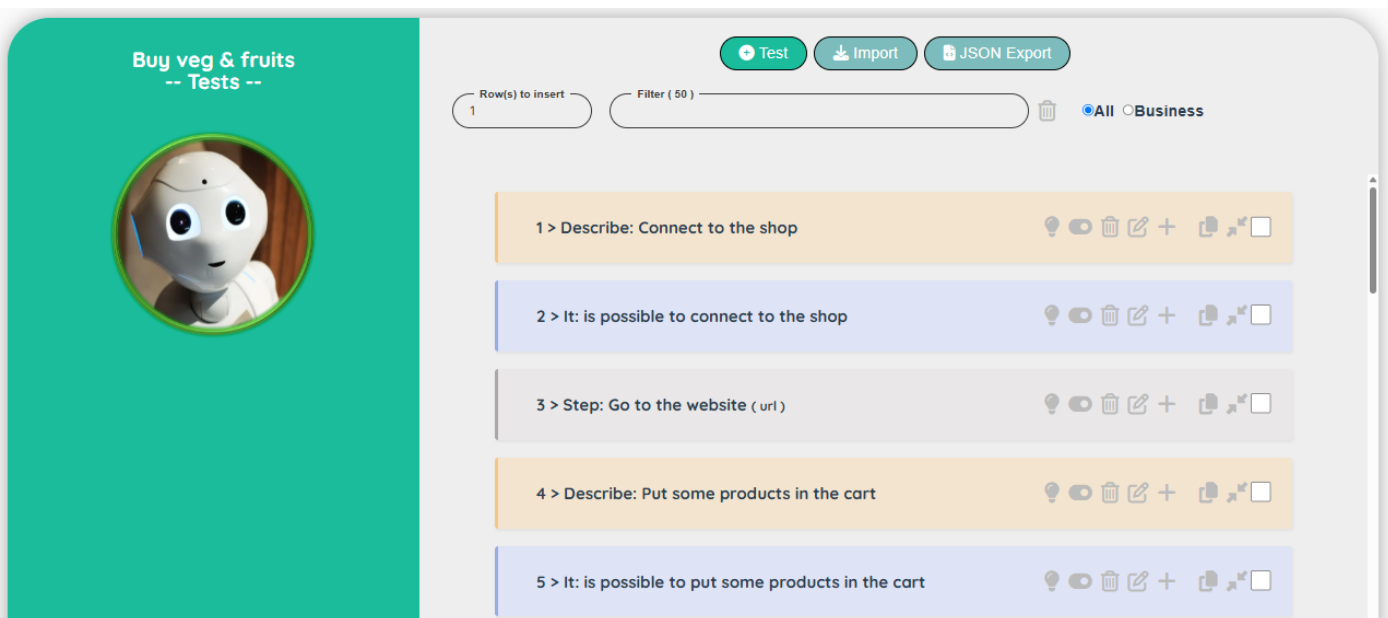*Designer is responsible of the creation of the scenarios, the dictionary, the rules and the references.*
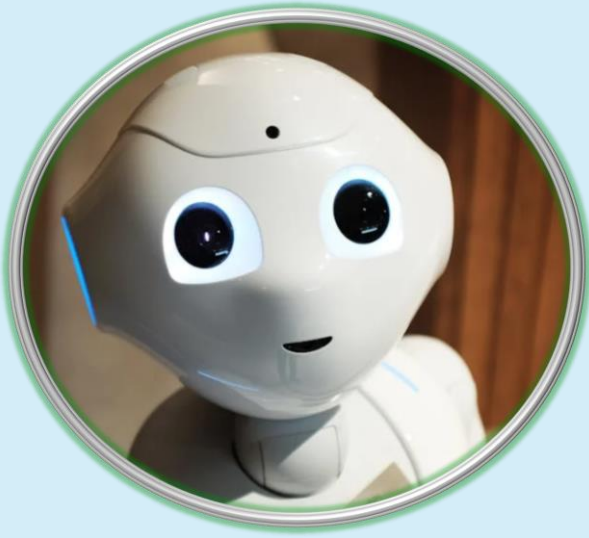*Interface is designed to be efficient: copy/paste, import/export, natural language...*

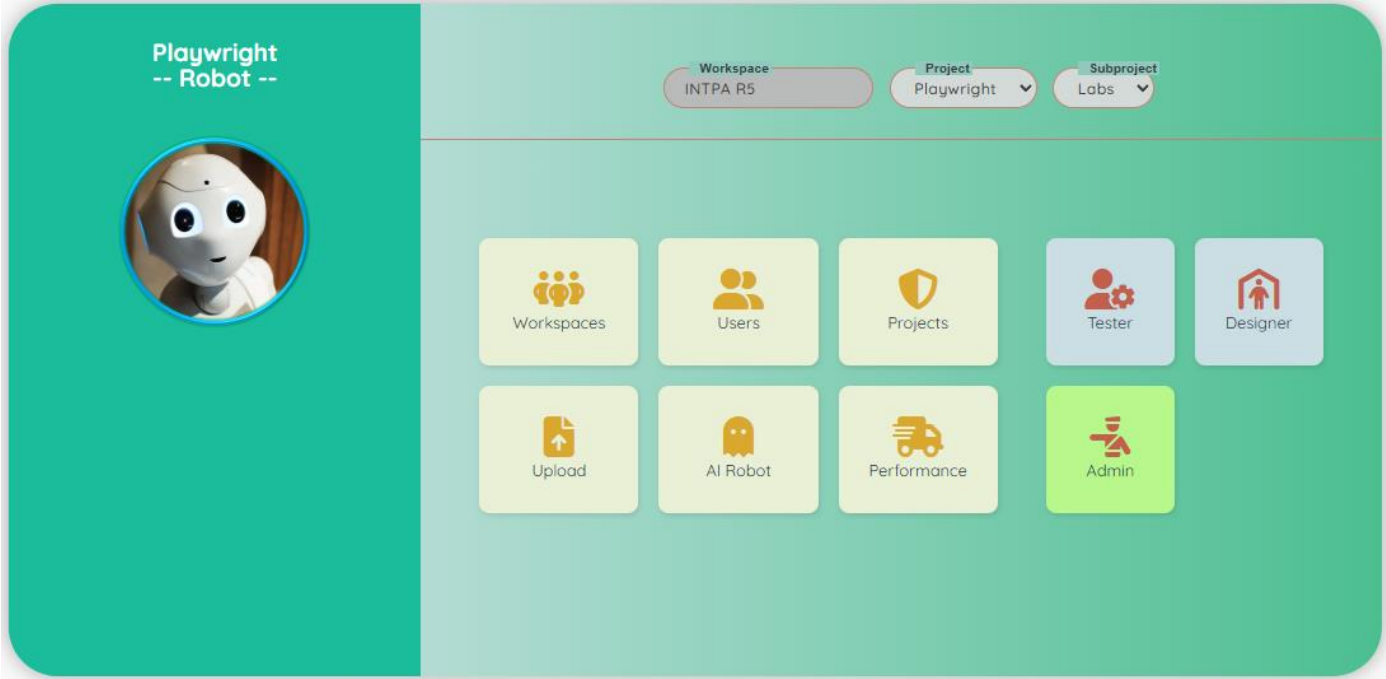## DESIGNER

User interface:
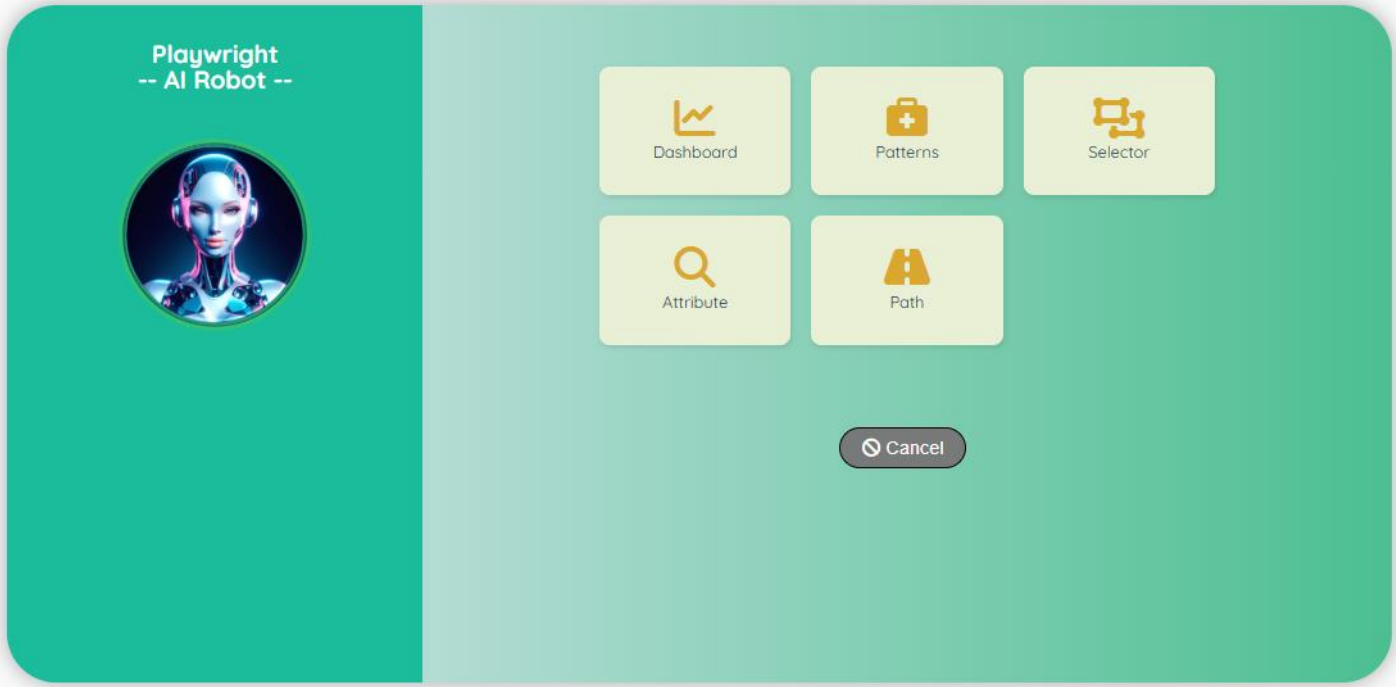

Designing a scenario

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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)
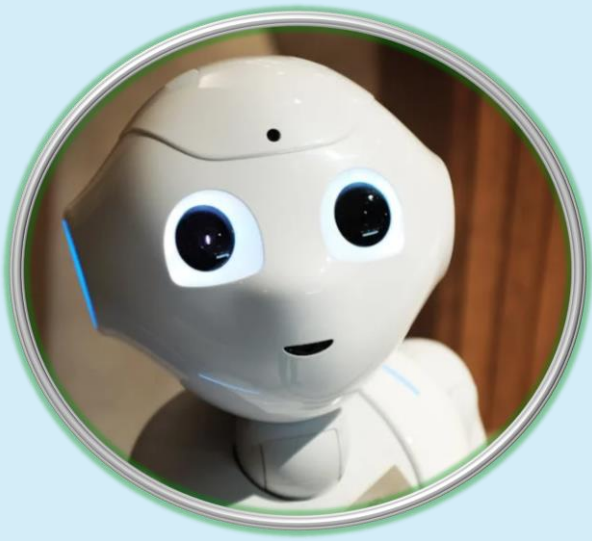
ADMINISTRATOR

User interface:

Playwright -- Robot --

Workspace: INTPA R5 | Project: Playwright | Subproject: Labs

Workspaces | Users | Projects | Tester | Designer
Upload | AI Robot | Performance | Admin

Train the Robot with AI

Playwright -- AI Robot --
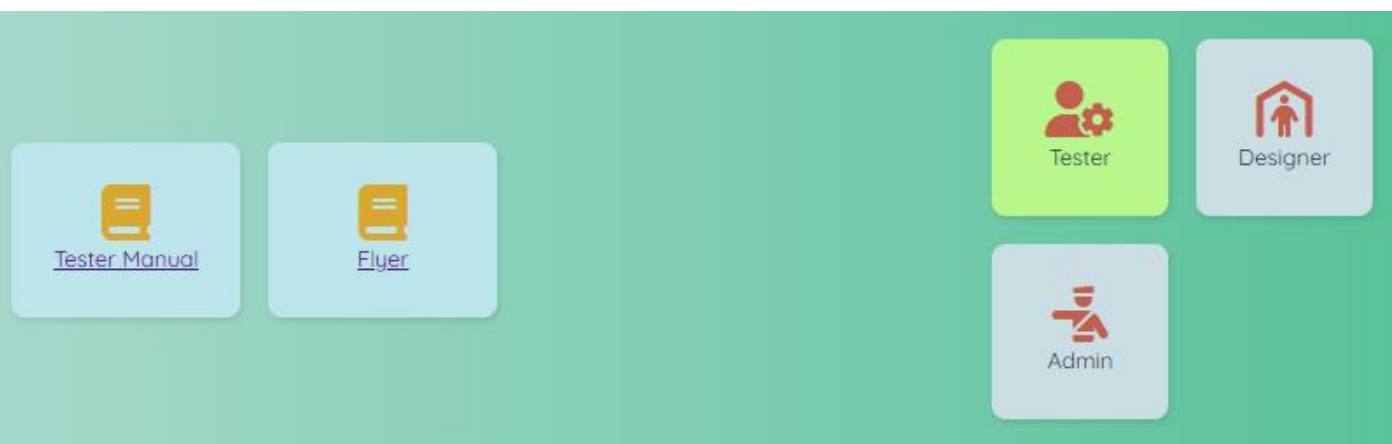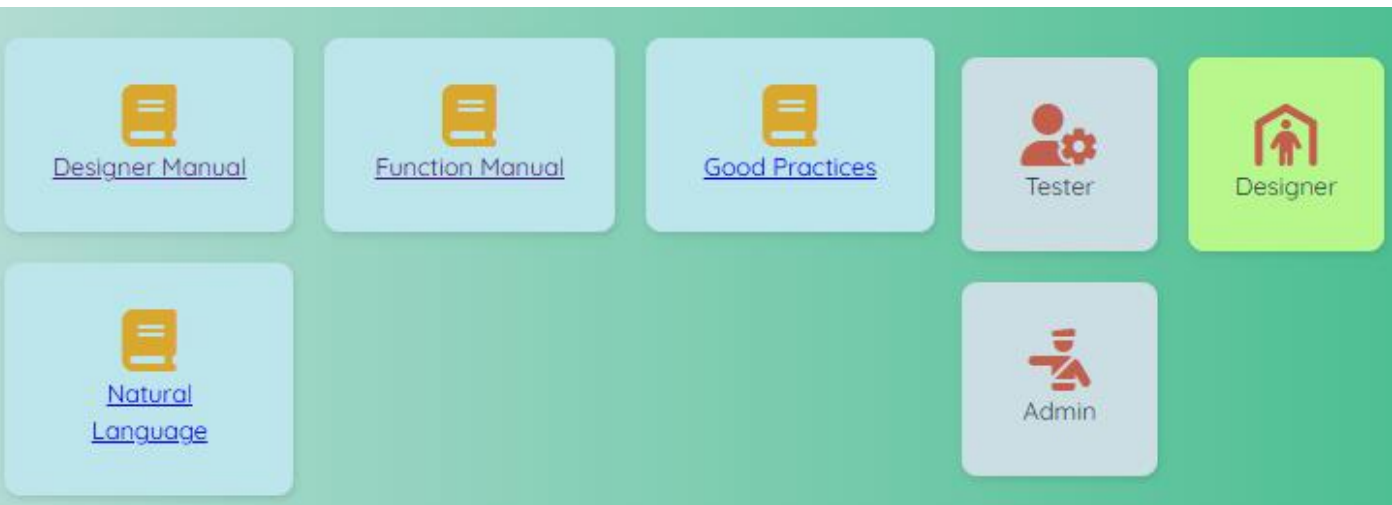
Dashboard | Patterns | Selector
Attribute | Path

Cancel

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

TESTER

Tester Manual

Flyer

Tester

Designer

Admin

DESIGNER

Designer Manual

Function Manual

Good Practices

Natural Language

Tester

Designer

Admin

ADMINISTRATOR

Admin Manual

AI Robot Manual

Robot Presentation

Tester

Designer

Admin