vavanya™

Vavanya Means Test

#VMT

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Agenda

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- What is Vavanya

- Main Concepts

- Functional Framework

- Demo

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About us

I am quality assurance generalist with main passion and strength in automating stuff.

Principal consultant at TTC Global, and co-founder of Vavanya Ltd. and mastermind behind the project.

Aleksey Agapov

What is Vavanya

Vavanya[1] is a platform for easily constructing and maintaining Automated Test Cases for web applications[2] using the visual concept of constructions and bricks.

[1] Vavanya /vɑːˈvɑːnjɑː/ (or Vavanyo, or Uvavanyo) means tests in Xhosa language.
[2] As per MVP state

Main Concepts

personality

Engaging, professional, reliable, inspirational, quirky, ambitious.

how we work

Precise, innovative, spirited, efficient.

product

Cloud-based solution for software testing.

vision

Better software testing. Anyone, anytime, anywhere

=

mission

To put you in the best position to develop the best software.

philosophy

You don't need to reinvent the wheel, Here, use ours.

challenge

To become your go-to for software testing.

value added

We offer ease, accessibility, scalability, and the opportunity to do what you do best
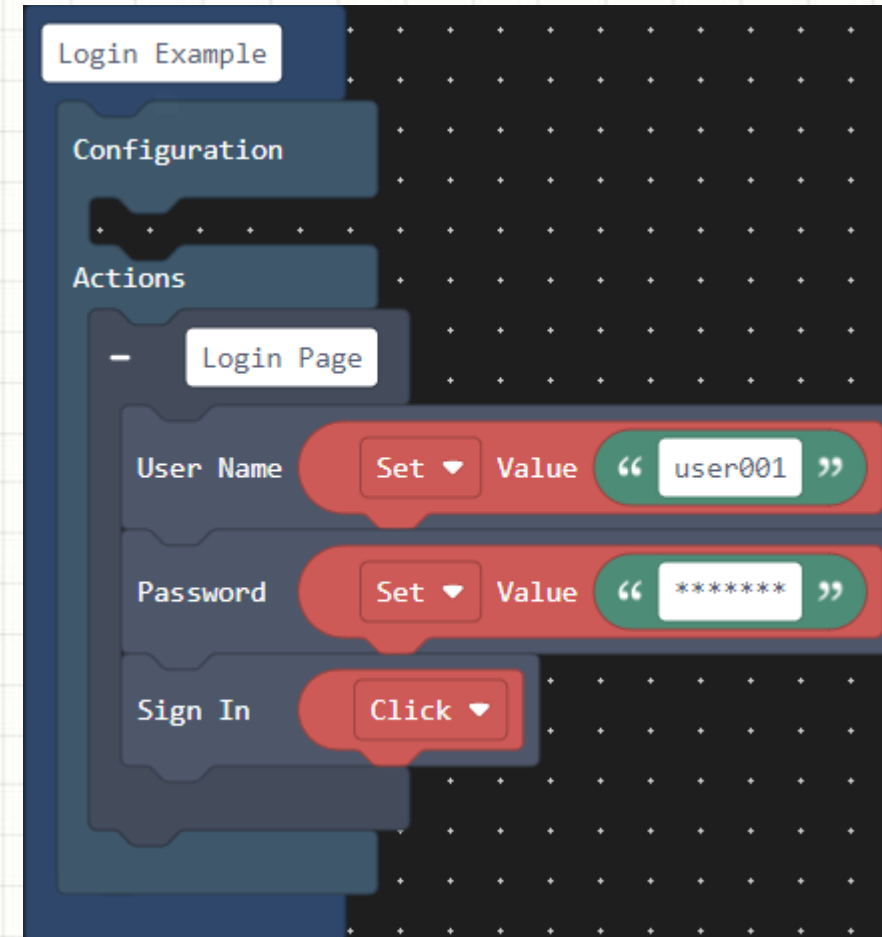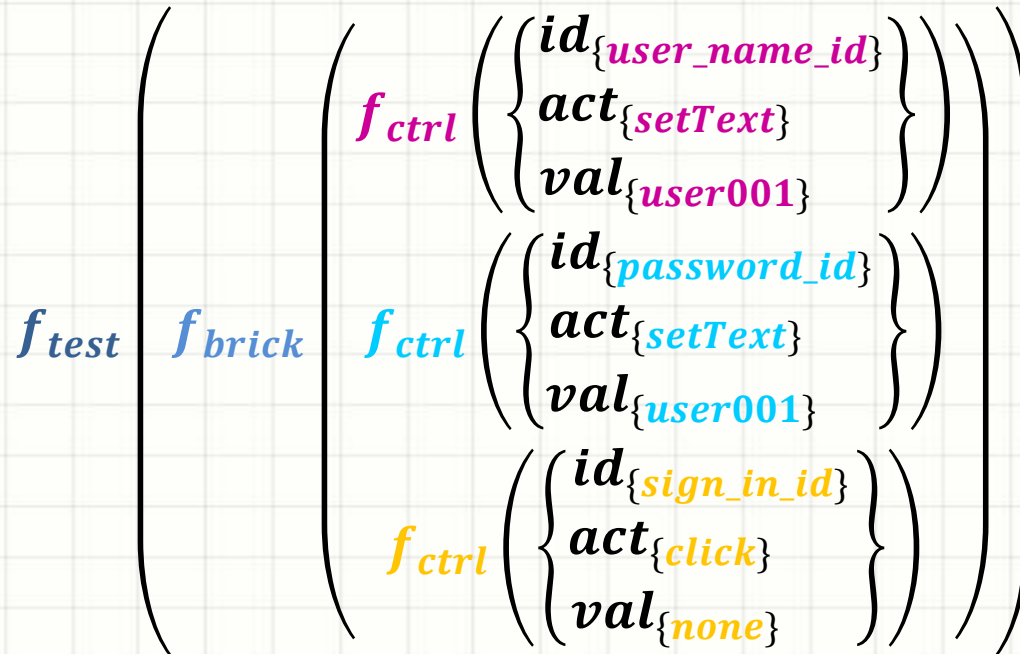
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Functional Framework (theory)

$$f_{test}(f_{act}(x_0), f_{act}(x_1), f_{act1}, f_{act2}(f_{act0'}, f_{act1'}) \dots f_n) \rightarrow$$

$$\rightarrow (f_{act}(x_0) \wedge f_{act}(x_1) \wedge f_{act1} \wedge f_{act2}(f_{act0'} \wedge f_{act1'}) \dots \wedge f_n)$$

$$\rightarrow [\![true, false]\!] \rightarrow \text{which is } \textbf{Pass} \text{ or } \textbf{Fail}$$
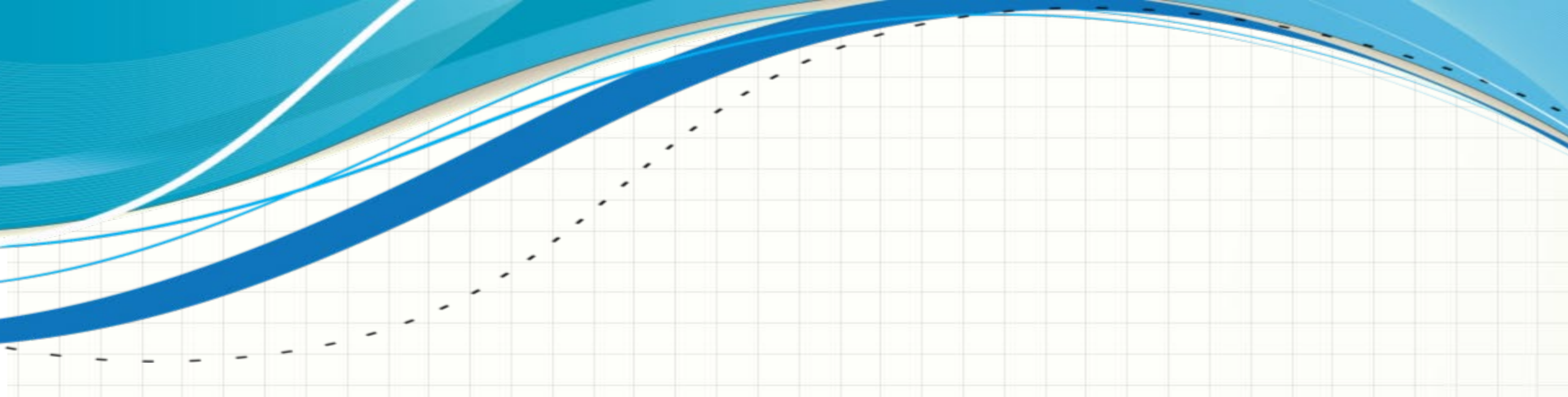
$$f(ctrl_{id}, act) \triangleq \begin{cases} true_{continue}, & if(loc(ctrl_{id})), if(act) \\ false_{continue}, & if(loc(ctrl_{id})), if(\neg act) \\ false_{stop}, & if(\neg loc(ctrl_{id})) \end{cases}$$

Functional Framework (example)

$$f_{test}\left(f_{brick}\left(\begin{matrix} f_{ctrl}\left(\begin{cases} id_{\{user\_name\_id\}} \\ act_{\{setText\}} \\ val_{\{user001\}} \end{cases}\right) \\ f_{ctrl}\left(\begin{cases} id_{\{password\_id\}} \\ act_{\{setText\}} \\ val_{\{user001\}} \end{cases}\right) \\ f_{ctrl}\left(\begin{cases} id_{\{sign\_in\_id\}} \\ act_{\{click\}} \\ val_{\{none\}} \end{cases}\right) \end{matrix}\right)\right)$$

DEMO

THANK YOU!