

# WASPL Test Runner

# Features index

This is a guide for testing app

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## 01 — Access & Publication Hub

[Entry point for learners \(login, publication overview, instructions\)](#)

**Domain:** `waspltestrunner/access`

- **0101 Authentication & token guard** — Login view + Pinia auth store, JWT decoding, re-auth on expiry
  - **0102 Publication dashboard** — Learner publication list with mode badges & adaptive/branch tags
  - **0103 Session eligibility tracking** — Evaluates sessionStatuses for attempts, retries & agent detection
  - **0104 Start session modal** — Preparation modal with adaptive visuals & student greeting
  - **0105 Instruction list generator** — Dynamic checklist (time limit, skip policy, adaptive cues)
  - **0106 Access info modal** — Explains locked/expired publications
  - **0107 Multi-language pack** — vue-i18n setup with six locale JSON bundles
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## 02 — Linear Test Delivery

[Standard test flow with navigation, validation, timer and completion feedback](#)

**Domain:** `waspltestrunner/runner/linear`

- **0201 Test runner orchestrator** — Handles loading, navigation & submission flow
- **0202 Test renderer & layout engine** — Renders pages (stimulus, layouts, toasts)
- **0203 Student toolbar & timer** — Navbar with institution info & persistent countdown
- **0204 Interactive test map** — Visual question overview enforcing skip policy
- **0205 Response persistence store** — Pinia store syncing responses with localStorage
- **0206 Completion & AI feedback page** — Summary, AI correction workflow, messages
- **0207 Navigation composables** — Utilities for page sequencing & question indexing

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# 03 — Adaptive Test Delivery

CAT execution pipeline with engine, analytics and result packaging

**Domain:** `waspltestrunner/runner/adaptive`

- **0301 Adaptive runner & CAT engine** — Integrates catEngine with TestRenderer
- **0302 CAT progress analytics** — Tracks level progress, success/failure rates
- **0303 Adaptive result packaging** — Validates CAT data & posts to `/results`
- **0304 Adaptive preview pipeline** — Loads CAT tests in read-only preview mode
- **0305 CAT data processor** — Structures metrics (levels, paths, ability)

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# 04 — Conditional Test Delivery

Branching test runtime with graph navigation and preview support

**Domain:** `waspltestrunner/runner/conditional`

- **0401 Conditional runner orchestrator** — Loads conditional structures, manages sessions
- **0402 Conditional navigation engine** — Computes next nodes, path history, scoring logic
- **0403 Conditional renderer & page nodes** — Dynamic rendering with validation
- **0404 Conditional structure loader** — Fetches secured ConditionalStructure via API
- **0405 Conditional preview pipeline** — Read-only preview wrapper for conditional tests

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# 05 — Interaction Engine

Dynamic interaction factory covering WASPL item types

**Domain:** `waspltestrunner/interactions`

- **0501 Interaction factory** — Glob-import loader per `eL_Type`
  - **0502 Choice & choice block** — Single/multi choice rendering with scoring hooks
  - **0503 Text gaps & puzzles** — Cloze/puzzle handling with indexed mapping
  - **0504 Matching & pairing** — Drag-drop persistence for matching & pairs
  - **0505 Hot spot interaction** — Konva-based image hotspot renderer
  - **0506 Short answer integration** — AI/manual scoring support
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# 06 — Runtime Services & Automation

Shared services for sessions, results, dimensions and agent automation

**Domain:** `waspltestrunner/runtime`

- **0601 Session lifecycle manager** — Starts/locks/ends sessions with access rules
  - **0602 Result sender & dimension enricher** — Posts enriched structured payloads
  - **0603 Dimension enrichment utilities** — Maps IDs to dimension descriptors
  - **0604 Agent response planner** — Configurable success-rate planner (A/B/C agents)
  - **0605 LM Studio bridge** — Calls LM Studio & feeds scoring pipeline
  - **0606 Response pre-generator** — Generates agent answers for simulations
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# 07 — Preview & QA Toolkit

Tools for previewing tests, capturing snapshots and diagnosing setups

**Domain:** `waspltestrunner/tools`

- **0701 Linear test previewer** — Loads tests via preview tokens
- **0702 Adaptive previewer** — Wraps CAT runner in preview mode
- **0703 Conditional previewer** — Preview for conditional tests with token flow
- **0704 Snapshot capture demos** — HTML2Canvas/Konva snapshot rendering
- **0705 Debug panel** — Floating console testing auth/API/logs
- **0706 Diagnostics helpers** — Console utilities for quick checks