prd07 ux onboarding docs

PRD 07 — UX, Onboarding, and Documentation

1. Product Vision
The UX, onboarding, and documentation layer ensures that mod authors of all levels can use the
tool effectively. The tool should teach users tuning concepts as they work, instead of relying
on external documentation only. Diagnostics and error messages must be surfaced in a way that
feels educational, not punishing.

2. Onboarding
- R1.1: Provide a first-launch experience that introduces the core ideas: JPE, JPE-XML, builds,
and diagnostics.
- R1.2: Offer a guided "Create Your First Interaction" wizard.
- R1.3: Include an optional demo project that shows an end-to-end example of an interaction
mod.

3. Inline Documentation
- R2.1: JPE editor hover or click on keywords to show explanations and examples.
- R2.2: XML and JPE-XML views should show tooltips explaining tags and attributes.
- R2.3: Provide contextual links to more detailed docs.

4. Examples Library
- R3.1: Include a library of sample mods covering: simple interactions, buffs, traits,
notifications, and small systems.
- R3.2: Make each example available as JPE, JPE-XML, and generated XML tuning.
- R3.3: Allow users to clone examples into their own projects for experimentation.

5. Diagnostics Education
- R4.1: When a build fails for the first time, display a short guide explaining diagnostics and
how to fix common issues.
- R4.2: Provide a human-readable view of error reports suitable for copying into support
channels.
- R4.3: Use friendly language in errors, focusing on what the user can do next.

6. Documentation Set
- R5.1: Maintain a central documentation bundle covering:
  Installation and setup.
  JPE language reference.
  JPE-XML schema reference.
  Examples and tutorials.
  Diagnostics reference.
  Troubleshooting and FAQ.
- R5.2: Keep documentation versioned and aligned with engine releases.