#### **Software Development Life Cycle (SDLC) for Interactive Quiz Application**

#### **Maintenance & Updates (Improving the Project Over Time)**

Post-deployment efforts focus on keeping Interactive Quiz Application functional and enhancing it based on user needs.

* **Monitoring**:
  + Monitor site performance (e.g., load times) using browser developer tools.
* **User Feedback**:
  + Collect suggestions via a simple form or email link on the site.
  + Prioritize fixes or features (e.g., "Add loading spinner during quiz loading ").
* **Improvements**:
  + Upgrade the contact form with input validation, error handling, and smoother user feedback on submission.
  + Integrate better meta tags, structured data, and improved content semantics to enhance search engine visibility.
  + Plan future features: dark mode, multi-language support.

This ongoing phase ensures Interactive Quiz Application remains relevant and effective over time.