**Software Development Life Cycle (SDLC) for Blog Page Website**

**7. Maintenance & Updates (Improving the Project Over Time)**

Post-deployment, it’s important to keep the blog platform functional and continuously enhance it based on user feedback and evolving needs.

● **Monitoring:**

* Continuously check for any issues with the user authentication system, such as login failures or security vulnerabilities.
* Monitor the website's performance, including load times and responsiveness, using browser developer tools or analytics tools.

● **User Feedback:**

* Collect feedback via a simple form or email link embedded in the site to understand user experiences and pain points.
* Prioritize fixes and features based on user demand, such as enhancing the commenting system or adding new profile customization options.

● **Improvements:**

* Fix any bugs or issues reported, such as "Failed to submit comment" or "User profile not updating."
* Improve performance by optimizing queries for the database and ensuring fast loading times across different devices.
* Plan and implement future features based on feedback, like notifications for new comments, personalized content suggestions, or theme customization (e.g., dark mode).

This ongoing phase ensures that the platform remains secure, reliable, and continuously adapts to meet user expectations and technological advancements.