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

**Introduction**

The Software Development Life Cycle (SDLC) is a structured process used to develop software applications systematically, ensuring high quality, efficiency, and reliability while meeting user requirements within a defined timeline. This document outlines the SDLC applied to **BlogView**, a platform designed to provide users with an intuitive and seamless experience for reading, creating, and interacting with blog posts. The goal of this project is to build a user-friendly blog application that includes user authentication, a profile section, and an interactive commenting system. The SDLC process will guide the project from planning through to deployment, ensuring a well-executed and technically sound solution that caters to the needs of both content creators and readers.

**Problem Statement**

Many existing blogging platforms are either too cluttered, difficult to navigate, or lack engaging features that allow for personalized interaction. Users often struggle with weak authentication systems, poor navigation, and a lack of personalization on other platforms. **BlogView** addresses these challenges by offering a secure and easy-to-use platform where users can create, manage, and interact with blog posts. The goal is to provide a streamlined, interactive experience with smooth user authentication and profile management, while also ensuring readers can easily comment on posts, enhancing community engagement without the frustrations common on other blogging platforms.