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

1. **Planning (Understanding the Goal)**

* **Purpose:** The purpose of this project is to develop a user-friendly blog platform where users can create, manage, and engage with blog posts. The application will include authentication, a profile section, and a commenting system.
* **Problem to Solve:** Many blogging platforms lack personalized engagement and seamless authentication. This project aims to provide a secure, interactive, and easy-to-use blog application that allows users to share and discuss content effectively.
* **Target Audience:** Bloggers who want to share their thoughts and ideas ,readers who enjoy engaging with blog content, developers interested in understanding web authentication and user interaction features
* **Team Responsibilities:**
* **Designer(s):** Responsible for creating the website's visual layout and user experience.
* **Developer:** Handles the coding and implementation of both frontend and backend functionalities.
* **Tester:** Tester ensures functionality and responsiveness.
* **Project Roadmap:**
  + **Week 1:** Planning and setting up the development environment.
  + **Week 2:** Designing the front-end pages and user interface.
  + **Week 3:** Developing the backend, authentication and database integration.

This phase ensures all team members understand the project’s objectives and timeline, setting the stage for a successful development process.