**SOFTWARE**

**REQUIREMENTS SPECIFICATION**

**For**

**BLOG PLATFORM**

**Prepared by:-**

**Deepak S**

**Kalpaka SG**

**Durganandhini V**

**1. Introduction**

**1.1 Purpose**

A blog platform serves as an online space for individuals, businesses, and organizations to publish and share content, express ideas, and engage with an audience. It facilitates communication, knowledge sharing, and community building while offering a versatile tool for personal expression, marketing, and establishing online presence.

**1.2 Document Conventions** 

* Entire document should be justified.
* Convention for Main title

Font face: Times New Roman

Font style: Bold

Font Size: 14

* Convention for Sub title

Font face: Times New Roman

Font style: Bold

Font Size: 12

* Convention for body

Font face: Times New Roman

Font Size: 12

**1.3 Scope of Development Project**

The development of a blog platform encompasses a comprehensive scope that involves creating a feature-rich and user-friendly system for content creation, management, and engagement. This includes the implementation of secure user authentication, authorization mechanisms, and a robust content management system (CMS). A responsive design is crucial to ensure a seamless and consistent experience across various devices, allowing bloggers to easily compose and edit content using a feature-rich text editor.Media handling capabilities, such as efficient storage and retrieval of images, videos, and audio files, are essential. The platform should facilitate user engagement through a commenting system, social media integration for content sharing, and user profiles for personalization. To enhance discoverability, a search functionality, along with categorization and tagging features, should be incorporated.Additionally, SEO optimization is vital to improve the platform's visibility on search engines, attracting organic traffic. Monetization options, such as advertising and sponsored content, can be integrated to allow bloggers to generate revenue. Security measures must be implemented to protect user data, and the platform should be designed with scalability in mind to accommodate a growing user base and increasing content. Finally, incorporating analytics, a notification system, legal compliance, and feedback mechanisms ensures a holistic approach to the development of a successful and sustainable blog platform.

**1.4 Definitions, Acronyms and Abbreviations**

JAVA -> platform independence

SQL    -> Structured query Language

ER       -> Entity Relationship

UML   -> Unified Modelling Language

IDE     -> Integrated Development Environment

SRS     -> Software Requirement Specification

**1.5 References**

* Books

**The Blog Startup – by Meera Kothand**

Proven Strategies to Launch Smart and Exponentially Grow Your Audience, Brand, and Income without Losing Your Sanity or Crying Bucketloads of Tears” Software Requirements (Microsoft) Second Edition By Karl E. Wiegers

Software Engineering: A Practitioner’s Approach Fifth Edition By Roger S. Pressman

**The One Hour Content Plan – by Meera Kothand**

“The Solopreneur’s Guide to A Year’s Worth of Blog Post Ideas in 60 Minutes and Creating Content That Hooks and Sells”

**Everybody Writes – Ann Handley**

“Your Go-To Guide to Creating Ridiculously Good Content”

* Websites

<https://infogram.com/blog/create-a-blog-survey/>

<https://www.surveylab.com/en/blog/>