**Software Project Management Plan (SPMP)**

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**Overview**: This document serves as the Software Project Management Plan (SPMP) for the Article-Publishing Website project. It outlines the project's scope, tasks, roles, responsibilities, and management approach.

**Target Audience**: This document is intended for project stakeholders, including project managers, developers, content creators, designers, and anyone involved in the planning, development, and execution of the project.

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1 INTRODUCTION

1.1 Project Overview

The project aims to create a website that publishes articles on general topics. Articles will be contributed by experts in respective fields. Users can register on the site, browse articles, and leave comments on the articles they read.

1.2 Project Deliverables

- Fully functional article-publishing website

- User registration and authentication system

- Article submission and approval feature

- Article browsing and commenting system

2 PROJECT ORGANIZATION

2.1 Software Process Model

The project will follow the Waterfall software development process model, which involves linear and sequential phases of requirement analysis, design, implementation, testing, deployment, and maintenance.

2.2 Roles and Responsibilities

- Project Manager: Oversees the project, coordinates tasks, and ensures timely completion.

- Web Developers: Responsible for designing and developing the website's frontend and backend.

- Content Contributors: Experts in various fields who contribute articles.

- Designers: Create the website's visual elements and user interface.

- Quality Assurance (QA) Team: Ensure the website meets quality standards and is bug-free.

2.3 Tools and Techniques

- Development Tools: HTML, CSS, JavaScript PHP (Laravel)

- Version Control: Git for collaborative development.

- Communication: Email

3 PROJECT MANAGEMENT PLAN

3.1 Tasks

3.1.1 Requirement Analysis

3.1.1.1 Description: Gather detailed requirements for the website, including user features, article submission process, commenting system, etc.

3.1.1.2 Deliverables: Detailed requirements document.

3.1.1.3 Resources Needed: Project manager, web developers, content contributors.

3.1.2 System Design

3.1.2.1 Description: Plan the system architecture, database structure, and user interface design.

3.1.2.2 Deliverables: System design document, UI wireframes.

3.1.2.3 Resources Needed: Project manager, web developers, designers.

3.1.3 Implementation

3.1.3.1 Description: Develop the website's frontend and backend based on the design specifications.

3.1.3.2 Deliverables: Functional website prototype.

3.1.3.3 Resources Needed: Web developers.

3.1.4 Testing

3.1.4.1 Description: Conduct comprehensive testing to identify and fix bugs, ensure functionality, and validate user interactions.

3.1.4.2 Deliverables: Bug report, tested and validated website.

3.1.4.3 Resources Needed: QA team, web developers.

3.1.5 Deployment

3.1.5.1 Description: Deploy the website on a live server, configure necessary settings, and ensure compatibility.

3.1.5.2 Deliverables: Deployed website accessible to users.

3.1.5.3 Resources Needed: Web developers, server administrator.

3.1.6 User Training and Documentation

3.1.6.1 Description: Create user guides and documentation to help users navigate the website.

3.1.6.2 Deliverables: User guides and documentation.

3.1.6.3 Resources Needed: Technical writers.