Software Requirements Specification

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Introduction

The purpose of this document is to outline the requirements for the development of a responsive blog website named "Campus Gossips". The website will provide a platform for readears and bloggers to read, explore , create, publish, and share spicy news and content related to various famous campuses in Pune, India.

Scope

- User registration and login
- User profile creation and editing
- Blog post creation, editing, and deletion
- Blog post categorization and tagging
- Social media sharing
- Commenting and discussion
- Search functionality
- Responsive design for optimal viewing on all devices

Functional Requirements

- Users should be able to register and create a profile
- Users should be able to create, edit, and delete blog posts related to famous campuses in Pune
- Users should be able to categorize and tag their blog posts based on the campus they are writing about
- Users should be able to share their blog posts on social media platforms
- Users should be able to comment and participate in discussions on blog posts related to famous campuses in Pune

- Users should be able to search for specific blog posts based on categories, tags, or keywords related to famous campuses in Pune

Non-Functional Requirements

- The website should be responsive and optimized for viewing on all devices, including desktops, laptops, tablets, and mobile devices
- The website should be secure and protected from unauthorized access
- The website should be reliable and have minimal downtime
- The website should load quickly and be optimized for speed and performance

User Interface

- A clean and modern design with easy navigation
- Consistent branding and visual design elements throughout the website, with a focus on the campuses in Pune
- Clear calls to action for user registration, post creation, and commenting
- Intuitive user experience with minimal user input required

System Architecture

The website will be built using a responsive web design framework such as React, with a back-end built using a server-side scripting language such as nodeJS or Python. The website will be hosted on a reliable and secure web hosting platform.

Data Model

The website will utilize a database management system such as MySQL to store user profiles, blog posts, comments, and other data related to famous campuses in Pune.

Assumptions and Dependencies

The website will rely on modern web browsers that support responsive design JavaScript and HTML5/CSS3 web standards.

Constraints

The website must be completed within a budget of 2000Rs and launched within TWO months.

Glossary

(Note: Glossary is a collection of vocabularies or phases(the terms) captured from various models,reports and any other artifacts in the software project)

- User: A registered user of the website who can create and publish blog posts, comment on other posts, and engage with other users.
- Blog post: A written article or piece of content published on the website by a user related to famous campuses in Pune.
- Category: A grouping of blog posts based on a common topic or theme related to famous campuses in Pune.
- Tag: A descriptive keyword or phrase used to categorize blog posts related to famous campuses in Pune.
- Comment: A written response or feedback on a blog post by a user related to famous campuses in Pune.