



BLOG WEBSITE

Task - 1

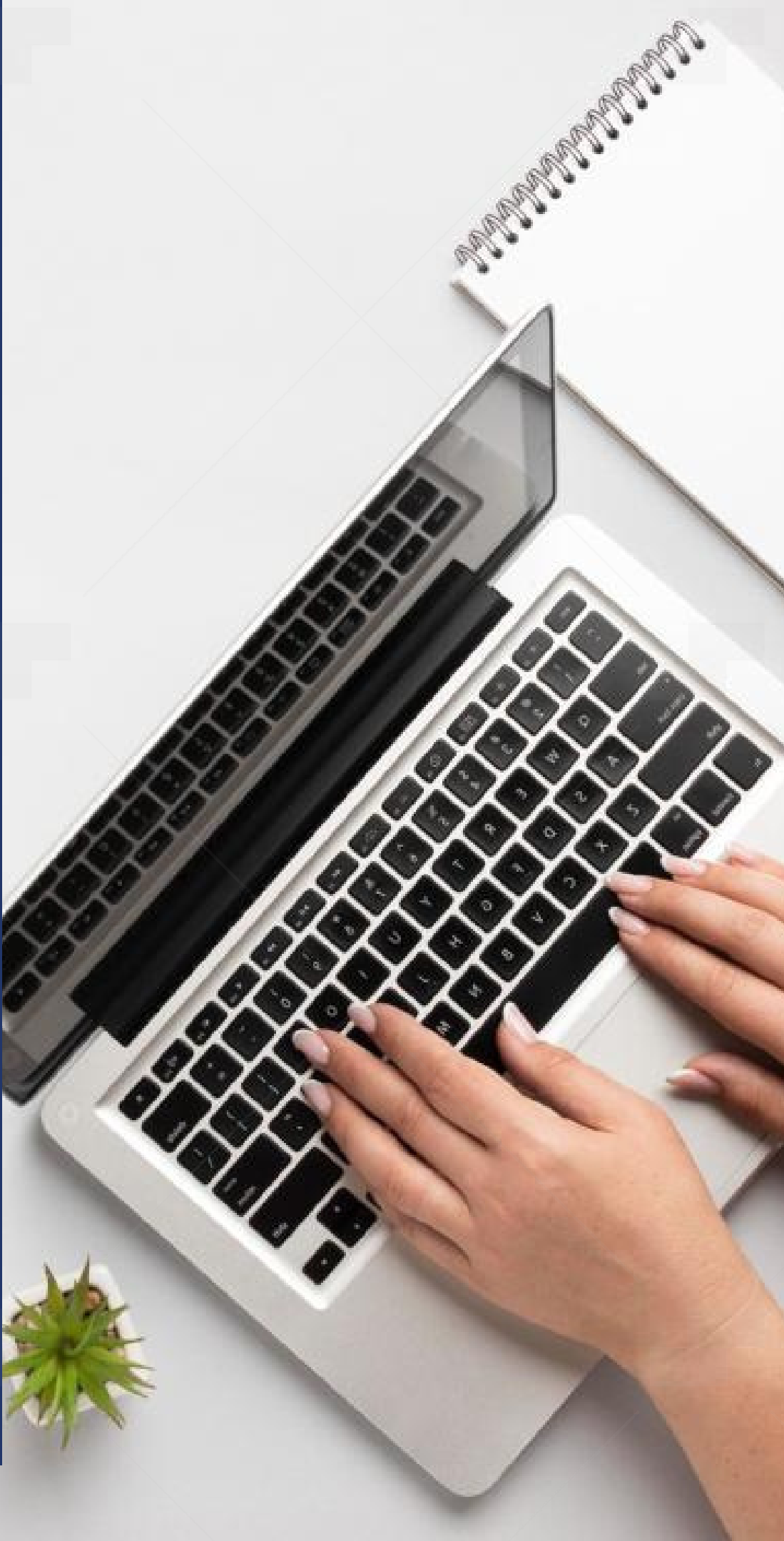


Blog Website

- Project Introduction

This website will allow users to create and publish blog posts, as well as read and interact with other users' posts.

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Task - 1

Creation of SRS & Github

- Create SRS : “Your Project”
- Creation & Set-up of Github account
- Creation & Hands-on to various commands of Git Bash

Evaluation Metric:

- 100% Completion of the above tasks

Learning Outcome

- Get to know about different lifecycle models.
- Understanding importance and how to create an SRS
- Knowing various commands of Github
- Understanding agile and scrum management techniques for efficient product development

SRS for "Blog Website"

- **Functional Requirements**

User Registration and Login

The website should allow users to register for an account by providing their name, email address, and a password. Once registered, users should be able to log in to their accounts using their email address and password.

User Profiles

Each user should have a profile page that displays their name, profile picture, and a brief bio. Users should be able to edit their profiles to update their information and change their profile picture.



Blog Post Creation

Registered users should be able to create new blog posts. They should be able to provide a title, body text, and any images or videos they want to include in the post.

Blog Post Interactions

Users should be able to interact with blog posts in several ways, including:

- Liking and disliking posts
- Commenting on posts
- Sharing posts on social media
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SRS for “Blog Website”

Search Functionality

The website should include a search bar that allows users to search for posts based on keywords, tags, or authors.

Categories and Tags

Blog posts should be organized into categories and tags to make it easier for users to find posts on specific topics.

Security

The website should have appropriate security measures in place to protect user data and prevent unauthorized access.



SRS for “Blog Website”

- **Non Functional Requirements**

Performance

The website should be able to handle a high volume of traffic and load pages quickly.

User Interface

The website should have a clean and intuitive user interface that is easy to navigate.

Compatibility

The website should be compatible with all major web browsers, including Chrome, Firefox, and Safari



SRS for “Blog Website”

Mobile Responsiveness

The website should be designed to be mobile-friendly, with a responsive design that adapts to different screen sizes.

Accessibility

The website should be accessible to users with disabilities, including those who use assistive technologies.



SRS for “your title”

Software Requirements

Content Management Systems (CMS)

CMS platforms such as WordPress, Drupal, and Joomla are popular choices for creating blog websites. They provide a user-friendly interface for managing and publishing blog posts, as well as a range of themes and plugins to customize the look and functionality of the site.

Website Builders

Website builders such as Wix, Squarespace, and Weebly offer easy-to-use drag-and-drop interfaces for creating blog websites without needing to know how to code.



SRS for “your title”

Hardware Requirements

Web Hosting

A web hosting service is necessary to host your blog website on the internet. You can choose from a range of hosting options, such as shared hosting, virtual private servers (VPS), or dedicated hosting, depending on your website's traffic and performance requirements.

Processor

A modern processor, such as an Intel i5 or i7 or an AMD Ryzen, is sufficient to run a blog website. However, the exact processor requirement may depend on other factors such as the CMS and plugins used.



SRS for “your title”

RAM

At least 4GB of RAM is recommended for a blog website, especially if you plan to use plugins or other third-party tools that require additional memory.

Storage

A blog website does not require a lot of storage space, but it is recommended to have at least 10GB of storage to accommodate content files and other media files.



Step-Wise Description

Define your blog's purpose and audience

Before starting a blog, it's important to define your purpose and target audience. Choose a topic that you're passionate about and that you think will interest your audience.

Choose a blogging platform

There are many blogging platforms available, such as WordPress, Blogger, and Medium. Choose the one that best fits your needs and budget.

Choose a domain name

Your domain name is your website's address. Choose a name that is easy to remember, relevant to your blog's topic, and available to register.



Step-Wise Description

Choose a web hosting provider

Web hosting is where your website's files will be stored. Choose a reliable hosting provider that meets your budget and requirements.

Install your blogging platform

Follow the instructions provided by your chosen platform to install it on your web hosting account.

Choose a theme

A theme is the appearance of your blog. Choose a theme that is visually appealing and matches your blog's topic.



Step-Wise Description

Customize your theme

Customize your theme by adding your logo, changing the colors, and selecting the fonts.

Set up essential pages

Create pages such as About Me, Contact, and Privacy Policy to give your readers more information about you and your blog.

Install essential plugins

Install essential plugins such as Yoast SEO, Jetpack, and Akismet to optimize your blog's SEO, security, and performance.

Create your first blog post

Start writing and publishing your blog posts. Add images and videos to make your posts more engaging



Summary of Blog Website

A blog website is a powerful tool for sharing ideas, building a personal brand, and connecting with a community of like-minded individuals. By following best practices for content creation and website design, bloggers can establish themselves as experts in their field and create a loyal readership that values their insights and perspectives.

Assessment Parameter



Submission Github



<https://github.com/Msaranya2003/Full-Stack->

- Your github should contain this ppt, readme file.

Thank you!

