



# BLOG WEBSITE

## Task - 1

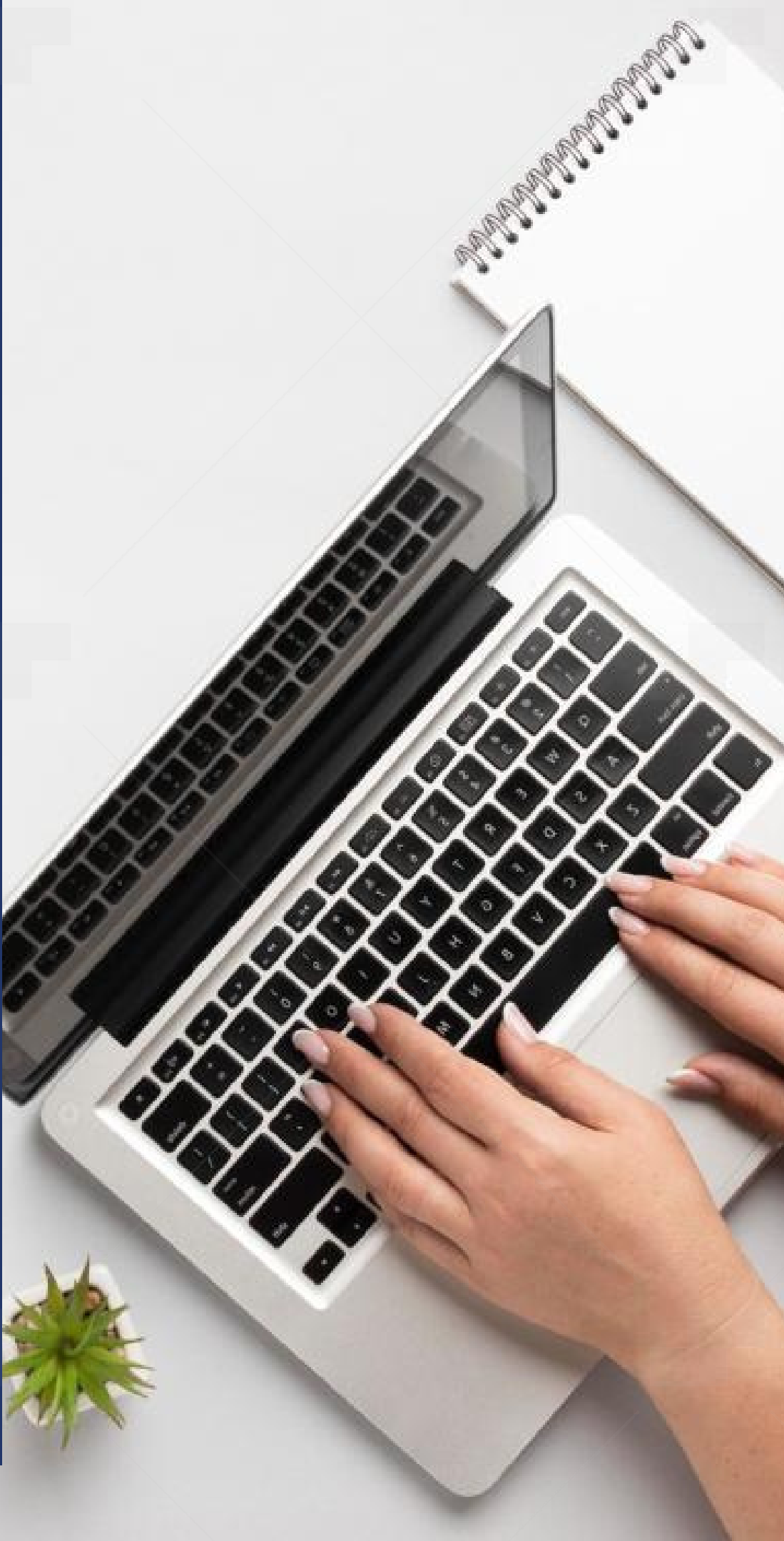


# Blog Website

- 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
- 



# 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/DharsanRit/Full-Stack->

- Your github should contain this ppt, readme file.



# Thank you!

