



# “SOCIAL MEDIA WEBSITE”

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## Task - 5



## BLOG WEBSITE

A social media website is an online platform that enables users to create profiles, share content, and interact with others. These platforms facilitate the exchange of information, ideas, and media through various features such as posts, comments, likes, and messaging. Popular examples include Facebook, Instagram, Twitter, and LinkedIn.

LMS Username	Name	Batch
au111420243003	BANDARLA PRADEEP REDDY	CA11
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## Task 5 : Hosting (Module 5)

### **Hosting the website so that it can be accessed from anywhere**

- Host backend on aws with all environment setup
- Make sure to whitelist api ports and host with the database
- Migrate database to mongodb atlas
- Build react app to be hosted on the server
- Set hosted backed url to the frontend
- Test entire frontend and backend

### **Evaluation Metric:**

100% Completion of the above tasks

## **Learning outcome**

- Understand how to host a web api
- How to deploy production ready react applications
- Setting up environment for production

## Step-Wise Description

### Step 1: Sign Up on Netlify:

If you don't have a Netlify account, sign up at Netlify.

### Step 2: Connect to Git Repository:

Connect your Netlify account to your version control system (e.g., GitHub, GitLab, Bitbucket). Netlify will automatically deploy changes when you push to your repository.

### Step 3: Create a New Site:

Once connected, click on the "New Site from Git" button on the Netlify dashboard. Choose your Git provider and select the repository containing your project.

### Step 4: Configure Build Settings:

Netlify will detect your project settings automatically, but you might need to configure build settings, especially if it's a more complex project. Set the build command (e.g., `npm run build`) and specify the output directory.

### Step 5: Environment Variables:

If your project requires environment variables (e.g., API keys), configure them in the Netlify dashboard under "Site Settings" > "Build & deploy" > "Environment variables."

## Step-Wise Description

### Step 6: Deploy Your Site:

Click the "Deploy Site" button. Netlify will initiate the build process, compiling your code and deploying it to a global content delivery network (CDN).

### Step 7: Domain Setup (Optional):

If you have a custom domain, configure it in the "Domain Settings" section. Netlify provides clear instructions on updating DNS records.

### Step 8: Continuous Deployment:

Netlify can automatically redeploy your site whenever changes are pushed to your repository. This is controlled through the continuous deployment settings in the Netlify dashboard.

### Step 9: Review Deployments:

Monitor the deployment progress and review the deployment logs for any issues. Netlify provides detailed logs to help troubleshoot problems.

### Step 10: Access Your Site:

Once the deployment is successful, Netlify provides you with a unique subdomain (e.g., `nameofoursite.netlify.app`). You can access your site from anywhere using this URL.

## Summary of your task

To host your website on Netlify, begin by signing up for an account and connecting it to your Git repository. Create a new site from your repository, configure build settings, and, if necessary, set up environment variables. Initiate the deployment process, and Netlify will automatically build and deploy your site to a global content delivery network (CDN). Optionally, configure a custom domain and set up continuous deployment for automatic redeployment upon code changes. Monitor deployment progress and review logs for troubleshooting. Once deployed, your site is accessible from anywhere using the provided Netlify subdomain or a custom domain if configured. Netlify's user-friendly interface and seamless integration with version control systems simplify the hosting process, making it an effective platform for web development projects.

## *Submission Website Link*



<https://social-media-app-tawny-three.vercel.app/>

## Submission Github



<https://github.com/Prema123-sm/naan-mudhalvan>



Thank  
you!

