STUDENT INTERNSHIP PROGRAM APPLICATION

1. Student Name:	Dhruv Sanjay Sambrekar		
2. Campus Address:	Dr. D.Y. Patil College Of Enginering, Kolhapur.		Phone:
3. Home Address:	1183,A ward near sardar talim shivaji peth kolhapur		Phone:8261950920
3a. Student email address: dhruvsambrekar24@gmail.com			
4. Academic Concentration DATA SCIENCE		5. Internship Semester : Sem 7th - 4th Year.	
6. Overall GPA: 7.5			
9. Internship Preferences			
	Location	Core Area	Company/ institution
Preferance-1			
Preferance-2			
Preferance-3			

Faculty mentor Signature:_____Date_____ .

(HOD)

Signature confirms that the student has attended the internship orientation and has met all
paperwork and process requirements to participate in the internship program, and hasreceived approval from his/her Advisor.

Student Signature:_____Date_____.

Signature confirms that the student agrees to the terms, conditions, and requirements of theInternship Program

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-1</td><td>DATE</td><td colspan="2">July 19, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30 PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Orientation and Project Introduction</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>Today marked the beginning of my internship.</li><li>I met with my mentor, Sudhanshu Kumar, who introduced me to the project.</li><li>We discussed the project's scope, goals, and expectations.</li><li>I familiarized myself with the Bootstrap framework and Python Flask, which we will be using to create the blog website.</li></ul></td></tr>
</table>

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-2		DATE	July 20, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Setting Up the Development Environment**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I set up my development environment by installing Python, Flask, and the necessary libraries.
- I also created a new project folder and initialized a Git repository to keep track of my code changes.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-3		DATE	July 21, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Creating the Project Structure**	
Name of HOD/With e-mail id				
Main points of the day				

- I spent the day organizing the project structure.
- I created directories for templates, static files, and set up a basic Flask application.
- Additionally, I began designing the database schema for the blog posts.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-4		DATE	July 22, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity		
Name of HOD/With e-mail id				
Main points of the day				

- Today, I started designing the user interface of the blog website using Bootstrap.
- I created a responsive navigation bar, a home page, and a placeholder for blog posts.
- I also worked on CSS to improve the website's appearance.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-5		DATE	July 23, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Implementing User Registration**	
Name of HOD/With e-mail id				
Main points of the day				

- I began implementing user registration functionality.
- I created registration and login forms, handled form submissions, and stored user data in the database.
- Security measures such as password hashing were also implemented.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-6		DATE	July 24, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**User Authentication and Login**	
Name of HOD/With e-mail id				
Main points of the day				

- I continued working on user authentication.
- Today, I implemented login functionality, allowing registered users to access their profiles.
- I also added session management to keep users logged in.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-7		DATE	July 25, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Blog Post Creation**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I implemented the ability for registered users to create blog posts.
- I designed a form for submitting blog content, added it to the UI.
- ensured that posts were correctly stored in the database.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-8		DATE	July 26, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Displaying Blog Posts**	
Name of HOD/With e-mail id				
Main points of the day				

- I completed the functionality for displaying blog posts on the website.
- I created a dynamic template for rendering posts, and users can now view all the published posts on the homepage.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-9		DATE	July 27, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Blog Post Editing and Deletion**	
Name of HOD/With e-mail id				
Main points of the day				

- I worked on enabling users to edit and delete their own blog posts.
- This involved creating the necessary forms and implementing the update and delete functions in Flask.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-10		DATE	July 28, 2023	
Time of arrival	2:30 PM	Time of Departure	3:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**User Profiles**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I added user profile pages that display user information and their authored blog posts.
- Users can now view and edit their profiles.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-11		DATE	July 29, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Comment Functionality**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I implemented the comment functionality for blog posts.
- Users can now leave comments on posts, and these comments are associated with the respective posts in the database.
- I also designed the comment form and ensured proper validation.

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-12</td><td>DATE</td><td colspan="2">July 30, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Implementing Pagination</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>As the number of blog posts increased, I added pagination to the homepage, limiting the number of posts displayed per page.</li><li>Users can now navigate through multiple pages of blog posts.</li></ul></td></tr>
</table>

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-13</td><td>DATE</td><td colspan="2">July 31, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30 PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Search Functionality</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>I implemented a search feature, allowing users to search for specific blog posts using keywords.</li><li>I added a search bar to the navigation, and the website now displays search results matching the user's query.</li></ul></td></tr>
</table>

Signature of Activity

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-14		DATE	August 1, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Styling and CSS Refinements**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I focused on refining the website's appearance.
- I fine-tuned the CSS, ensuring consistency in the design.
- I also addressed responsiveness issues to make the website look great on different screen sizes.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-15		DATE	August 2, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30PM	Remarks
Dept./Division	TPO	Name of Activity	**Adding Categories**	
Name of HOD/With e-mail id				
Main points of the day				

- To enhance organization, I introduced categories for blog posts.
- Users can now assign categories to their posts, and the website displays posts by category.
- I also created a category page.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-16		DATE	August 3, 2023	
Time of arrival	2:30PM	Time of Departure	6:30PM	Remarks
Dept./Division	TPO	Name of Activity	**Tagging System**	
Name of HOD/With e-mail id				
Main points of the day				

- I implemented a tagging system for blog posts, allowing users to add tags to their posts.
- Tags make it easier for users to discover related content.
- I also added tag filtering to the website.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-17		DATE	August 4, 2023	
Time of arrival	2:30PM	Time of Departure	6:30PM	Remarks
Dept./Division	TPO	Name of Activity	**Admin Panel**	
Name of HOD/With e-mail id				
Main points of the day				

- I created an admin panel to manage user accounts and blog posts.
- Admins can now review and moderate posts and users more efficiently, ensuring the quality of content on the website.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-18		DATE	August 5, 2023	
Time of arrival	2:30PM	Time of Departure	6:30PM	Remarks
Dept./Division	TPO	Name of Activity	**User Notifications**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I added a notification system that informs users about new comments on their blog posts and other relevant updates.
- Users receive notifications when someone comments on their post or tags them.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-19		DATE	August 6, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Performance Optimization**	
Name of HOD/With e-mail id				
Main points of the day				

- I worked on optimizing the website's performance.
- I implemented caching, reduced database queries, and improved code efficiency.
- This resulted in faster page load times and a smoother user experience.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-20</td><td>DATE</td><td colspan="2">August 7, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30 PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Testing and Bug Fixing</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>Today, I focused on thorough testing of the website's features, identifying and fixing any remaining bugs and issues.</li><li>This quality assurance step is crucial to ensure a stable and user-friendly product.</li></ul></td></tr>
</table>

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-21</td><td>DATE</td><td colspan="2">August 8, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30 PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Performance and Security Audit</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>I conducted a performance and security audit to further improve the website.</li><li>I optimized database queries, enhanced security measures, and reviewed code to prevent potential vulnerabilities.</li></ul></td></tr>
</table>

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-22		DATE	August 9, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Mobile Optimization**	
Name of HOD/With e-mail id				
Main points of the day				

- I dedicated today to optimizing the website for mobile devices.
- I ensured that the responsive design works flawlessly on various screen sizes, providing an excellent user experience on smartphones and tablets.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-23</td><td>DATE</td><td colspan="2">August 10, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Final UI Enhancements</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>I made final UI enhancements based on user feedback and my own observations.</li><li>I adjusted layouts, colors, and fonts to make the website visually appealing and user-friendly.</li></ul></td></tr>
</table>

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-24		DATE	August 11, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Load Testing**	
Name of HOD/With e-mail id				
Main points of the day				

- To prepare the website for potential traffic.
- I conducted load testing to assess its performance under high user loads.
- This helped identify any bottlenecks and areas that needed optimization.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-25		DATE	August 12, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Final Review with Mentor**	
Name of HOD/With e-mail id				
Main points of the day				

- I had a comprehensive review session with my mentor, Sudhanshu Kumar, who provided valuable feedback and suggestions for improvements.
- We discussed the project's progress and outlined the remaining tasks.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-26		DATE	August 13, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30PM	Remarks
Dept./Division	TPO	Name of Activity	**Addressing Mentor Feedback**	
Name of HOD/With e-mail id				
Main points of the day				

- Based on the feedback received from my mentor.
- I implemented the necessary changes and improvements to align the project with our initial goals and expectations.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

<table>
<tr><td colspan="2">DAY-27</td><td>DATE</td><td colspan="2">August 14, 2023</td></tr>
<tr><td>Time of arrival</td><td>2:30 PM</td><td>Time of Departure</td><td>6:30 PM</td><td>Remarks</td></tr>
<tr><td>Dept./Division</td><td>TPO</td><td>Name of Activity</td><td colspan="2">Final Testing and User Acceptance Testing</td></tr>
<tr><td rowspan="3">Name of HOD/With e-mail id</td><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td></td><td colspan="3"></td></tr>
<tr><td colspan="2">Main points of the day</td><td colspan="3"></td></tr>
<tr><td colspan="5"><ul><li>I conducted final testing to ensure that all the issues identified during the mentor's review were resolved.</li><li>I also conducted user acceptance testing to gather feedback from potential end-users. and results.</li></ul></td></tr>
</table>

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-28		DATE	August 15, 2023	
Time of arrival	2:30 PM	Time of Departure	3:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Deployment Planning**	
Name of HOD/With e-mail id				
Main points of the day				

- Today, I began planning the deployment of the blog website.
- I researched hosting options, domain registration, and server setup to prepare for the live launch.

Signature of Activity Incharge

DAY-29		DATE	August 16, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Finalizing Documentation**	
Name of HOD/With e-mail id				
Main points of the day				

- As I near the end of the internship, I dedicated the day to complete the project's documentation. I documented the code, database structure, and created user guides to ensure that future developers can work on the project with ease.
- The project is now nearing completion, and I've gained substantial experience in web development and project management. I've successfully implemented many features, and the website is becoming more functional and user-friendly. I'm excited to see the final result and the positive impact it can have in the real world.

Signature of Activity Incharge

STUDENT'S DAILY DIARY/ DAILY LOG

DAY-30		DATE	August 17, 2023	
Time of arrival	2:30 PM	Time of Departure	6:30 PM	Remarks
Dept./Division	TPO	Name of Activity	**Deployment and Launch**	
Name of HOD/With e-mail id				
Main points of the day				

- The final day of my internship was dedicated to deploying the website to a live server and officially launching it. The website is now accessible to the public, and users can start creating accounts and sharing their blog posts.
- My internship has been a fulfilling experience, and I'm proud of the progress made in creating a fully functional blog website using Bootstrap and Python Flask. I've learned valuable skills in web development and project management, and I'm excited to see the website grow and become a valuable resource for users. I'm grateful for the guidance and support of my mentor throughout this journey.

Signature of Activity Incharge