Krantiveer Vasantrao Narayanrao Naik Shikshan PrasarakSanstha's

Loknete Gopinathji Munde

Institute of Engineering Education & Research,

(Degree Engineering, Diploma Engineering & MBA)

(Accredited by NACC)

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Daily Diary

Studennt Name

1) **Sakshi Divekar**
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Guide Name: Prof. Priyanka Mahale

Project Tittle: E-Blogging

Week No.: 1

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Conduct an extensive literature survey on digital content management and blogging systems. - Gather requirements from project documents. - Study existing manual blogging workflows and identify key improvement areas. - Prepare initial notes on system scope, user roles, and overall project objectives.
Activities Executed	- Reviewed the project introduction, objectives, and literature survey. - Compiled initial research findings on inefficiencies in traditional blogging methods. - Documented stakeholder requirements and mapped out a preliminary project scope.
Reason For Delay	- Some delay occurred due to extended research on traditional versus digital content processes.
Corrective Measures	- Allocated extra time for a comprehensive literature review and consulted with the guide for clarifications.
Remark & Signature of Guide	_____

Week No.: 2

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Develop a detailed project plan outlining timelines and objectives for each module. - Break down project deliverables based on the documentation chapters. - Organize brainstorming sessions with team members to refine project goals and functionalities for the blogging platform.
Activities Executed	- Created a comprehensive project plan outlining modules such as blogger, reader, advertiser, and admin functionalities. - Outlined key milestones from requirement analysis to deployment. - Documented clear objectives and expected outcomes for each phase of development.
Reason For Delay	- Some scheduling adjustments were necessary due to initial feedback from team members.
Corrective Measures	- Revised the project timeline and reallocated resources to ensure balanced workload distribution.
Remark & Signature of Guide	_____

Week No.: 3

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Perform an in-depth feasibility study focusing on economic, technical, and operational aspects for the E-Blogging Platform. - Analyze development costs, potential ROI, and required infrastructure. - Discuss feasibility findings with the guide to validate assumptions.
Activities Executed	- Conducted a detailed feasibility study by evaluating cost–benefit ratios, required technical resources, and operational challenges. - Documented potential risks and mitigation strategies regarding project delays and resource allocation. - Integrated feedback from the feasibility analysis into the project scope document.
Reason For Delay	- Extended time was required to gather comprehensive financial data and technical specifications.
Corrective Measures	- Updated the project timeline to include additional research and stakeholder consultations.
Remark & Signature of Guide	_____

Week No.: 4

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Initiate the design phase by creating the overall system architecture and UI/UX layout for the blogging platform. - Sketch wireframes for key modules including login pages, dashboards, and post interfaces. - Plan integration points between the web and mobile applications.
Activities Executed	- Developed initial wireframes and system architecture diagrams reflecting the integration of blogger, reader, and admin modules. - Outlined data flow diagrams (Level 0 and Level 1 DFD) and mapped use cases from UML diagrams. - Reviewed and refined design concepts to ensure clarity and functionality.
Reason For Delay	- Minor delays due to iterative design reviews with team members.
Corrective Measures	- Conducted additional design review meetings to finalize the architecture.
Remark & Signature of Guide	_____

Week No.: 5

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Define detailed module specifications for each stakeholder (Blogger, Reader, Advertiser, Admin). - Break down key functionalities and document feature requirements. - Plan for secure role-based access and administrative controls.
Activities Executed	- Documented in-depth specifications for all modules, ensuring each role's responsibilities are clearly outlined. - Integrated module analysis from project documentation, emphasizing profile management, content creation, and real-time interaction. - Prepared flowcharts and pseudo-code for key features like post publishing and audience analytics.
Reason For Delay	- Clarification on certain functionalities required additional team discussions.
Corrective Measures	- Arranged follow-up meetings to resolve ambiguities and updated the module specifications accordingly.
Remark & Signature of Guide	_____

Week No.: 6

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Finalize the database schema and plan for API integrations (e.g., social media integration, analytics APIs). - Design the backend structure using PHP (Laravel) and define communication protocols between modules. - Outline data security measures, including encryption and backup strategies.
Activities Executed	- Designed the complete database schema integrating MySQL, ensuring efficient data storage for blogger profiles, posts, and user interactions. - Planned API integrations and documented endpoints for functionalities like content sharing and engagement tracking. - Developed preliminary security protocols based on technical feasibility analysis.
Reason For Delay	- Encountered minor challenges in aligning the database schema with all module requirements.
Corrective Measures	- Revised schema diagrams after team reviews and adjusted API endpoints as necessary.
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Week No.: 7

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Start the development phase by implementing the core authentication modules and registration processes. - Develop separate login systems for Bloggers, Readers, and Admins. - Ensure role-based access controls are implemented and tested.
Activities Executed	- Coded and deployed authentication modules using PHP (Laravel), integrating secure login mechanisms with password hashing and verification. - Created distinct registration pages for each role and implemented admin approval flows as per project requirements. - Conducted initial tests to verify that each user type receives the correct dashboard and access privileges.
Reason For Delay	- Some integration issues were noted with session management across different modules.
Corrective Measures	- Debugged session handling and optimized code to ensure secure and smooth user authentication.
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Week No.: 8

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Implement core functionalities of the blogger dashboard, including post creation, content scheduling, and analytics tracking. - Develop interactive interfaces for real-time content updates and user engagement. - Integrate document upload and media management functionalities.
Activities Executed	- Built the blogger dashboard with features to create posts, schedule content, and track engagement metrics. - Integrated real-time updates where bloggers can publish posts and view audience interactions. - Enhanced UI components for better user experience and seamless interaction between stakeholders.
Reason For Delay	- Some UI components required additional iterations to match design guidelines.
Corrective Measures	- Conducted extra design reviews and implemented CSS adjustments to improve responsiveness.
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Week No.: 9

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Begin the testing phase with comprehensive functional testing across all modules. - Prepare test cases for user registration, login, post publishing, and engagement features. - Verify integration points and data flow between frontend and backend systems.
Activities Executed	- Developed and executed test cases for critical functionalities ensuring that registration, login, and content publishing operate as expected. - Identified and documented bugs in module integrations, particularly in real-time updates and data synchronization. - Initiated regression testing to ensure new changes did not affect existing functionalities.
Reason For Delay	- Some functionalities required re-testing due to integration errors found during initial testing.
Corrective Measures	- Allocated extra testing cycles and adjusted test cases based on feedback from early testing rounds.
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Week No.: 10

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Conduct specialized security and performance testing to ensure data protection and system responsiveness. - Focus on vulnerability assessments, session management, and stress testing under peak loads. - Review UI/UX for cross-browser compatibility and mobile responsiveness.
Activities Executed	- Implemented security tests to verify SSL encryption, secure data storage, and proper session timeouts across all modules. - Performed performance testing simulating concurrent users to assess load times and system stability. - Conducted extensive usability tests, gathering feedback on UI flow and ensuring compatibility with multiple devices and browsers.
Reason For Delay	- Extended testing was required to fine-tune performance parameters under peak load conditions.
Corrective Measures	- Optimized code and refined server configurations to improve load times and system responsiveness.
Remark & Signature of Guide	_____

Week No.: 11

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Integrate modules and perform final debugging of all project components. - Conduct comprehensive regression testing to confirm that all functionalities work seamlessly after integration. - Prepare a detailed report on test outcomes and any remaining issues.
Activities Executed	- Integrated various modules—authentication, dashboard, content management—and ensured that data flows smoothly across them. - Executed full-cycle regression tests and resolved several minor bugs identified during the integration phase. - Documented test reports and prepared user manuals detailing system functionalities and troubleshooting guides.
Reason For Delay	- Minor delays occurred due to iterative debugging and further regression testing requirements.
Corrective Measures	- Implemented scheduled debugging sessions and continuous monitoring to resolve issues promptly.
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Week No.: 12

Date: [DD/MM/YYYY]

Field	Details
Activities Planned	- Finalize all project documentation and complete user manuals. - Prepare for final project deployment, including a comprehensive review session with the guide. - Plan post-deployment support strategies including user feedback collection and continuous improvements.
Activities Executed	- Compiled complete technical documentation covering system architecture, design, testing, and operational guidelines. - Conducted a final project review meeting with stakeholders to confirm that all functionalities are stable and user-friendly. - Deployed the application to cloud servers and set up monitoring tools for ongoing maintenance and support.
Reason For Delay	- Final documentation required additional detail to capture all aspects of the project workflow.
Corrective Measures	- Extended final review sessions and allocated extra time for refining user manuals and deployment strategy.
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