202412028

Heet Jivani

Role: Technical Writer

Documentation Work – ArtyUs

1. UML & System Diagram Creation

As the Technical Writer, I created all the diagrams required for understanding and representing the ArtyUs system.

Use Case Diagram

• Designed the complete use case diagram covering all system actors and their interactions.

• Included actors such as Buyer, Vendor, Admin, and Service Provider.

• Mapped core actions like Login, Manage Products, Place Orders, and View Services.

• Ensured clarity in system functionality representation.

Sequence Diagrams

• Created multiple sequence diagrams to show request–response flow between frontend, backend, and database.

• Documented user flows like Login, Signup, Product Upload, and Checkout.

• Ensured each step was visually structured to demonstrate system behavior.

Class Diagram

• Designed the class-level structure representing system entities and their relationships.

• Included classes such as User, Product, Category, Order, Vendor, and Service.

• Highlighted associations like one-to-many and many-to-many.

• Ensured the diagram matched the development structure followed by the team.

System Architecture Diagram

• Prepared the high-level architecture diagram to show how different components interact.

• Included frontend, backend, database, and Docker environment layers.

• Showed clear communication flow between modules.

• Helped the team and evaluators understand the technical layout of ArtyUs.

Data Flow Diagram (DFD)

• Created DFDs (Level 0 & Level 1) to illustrate system data movement.

• Represented processes such as Authentication, Product Management, and Order Flow.

• Documented external entities, data stores, and data flow paths.

• Ensured diagrams were simple, clean, and easy to understand.

2. PPT Creation & Formatting

Content Planning

• Organized the complete content structure for project PPTs.

• Divided slides into Introduction, Architecture, Diagrams, Workflow, and Conclusion.

Slide Designing

• Designed visually consistent slides using proper spacing, icons, and bullet formatting.

• Added all UML diagrams, architecture diagrams, and DFDs in clean and readable format.

Final Review

• Proofread all slides for correctness and readability.

• Ensured the presentation met academic and project guidelines.

• Coordinated with team members for accurate technical representation.

3. Documentation Finalization

• Prepared final documentation containing diagrams and explanation text.

• Ensured clarity, proper formatting, and flow in all written content.

• Combined diagrams, descriptions, and PPT visuals as part of the final documentation package.