

# IRSYAD IBADURRAHMAN

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Analytical and adaptable System Analyst with strong expertise in translating business requirements into clear, actionable system specifications. Skilled in modern system modeling and design using UML, ERD, BPMN, and C4 Model, complemented by wireframing and prototyping with Figma to visualize user flows effectively.

## Work Experience

### System Analyst & Documentation Specialist

*Dental Clinic drg. Fahmi Nurdin*

**Oct 2024 – May 2025**

- Conducted thorough requirements collection through interviews and on-site observations at the dental clinic, identifying key pain points in patient consultation services.
- Translated business needs into detailed functional and non-functional requirements for the chatbot, ensuring alignment with the clinic's operational workflows.
- Designed conversation flow diagrams, intent mapping, and entity models to guide the development of the chatbot using UML Use Case, Activity Diagrams, and ERD for supporting database structures.
- Created clear and structured documentation, including Software Requirements Specification (SRS), user scenarios, and API interaction guidelines for integration with the clinic's website.
- Conducted functional and usability testing, simulating real patient queries to validate the chatbot's performance and improve the naturalness of conversations.
- Collected user feedback after deployment and iteratively refined conversation flows to enhance accuracy, usability, and patient satisfaction.

### System Analyst & Junior Project Manager

*Dental Clinic drg. Fahmi Nurdin*

**Mar 2024 – Oct 2024**

- Developed a detailed project timeline and task breakdown for EMR implementation, setting clear milestones to ensure smooth delivery within scope and budget.
- Conducted stakeholder interviews with clinic administrators, doctors, and nurses to identify current workflow gaps and translate operational needs into functional requirements.
- Designed the system's process flow using UML diagrams (Use Case, Activity, Sequence) and data modeling (ERD) to clearly define entities, relationships, and user interactions.
- Produced low-fidelity wireframes and navigation maps to visualize the EMR interface, ensuring intuitive access to patient data and medical records.
- Oversaw system testing activities, including functional, integration, and user acceptance testing, to validate performance and compliance with healthcare regulations.
- Monitored system adoption post-deployment, collected user feedback, and coordinated enhancement requests for continuous improvement.

## Workshop & Organization

### Volunteer – IT Solutions Coordinator, Student Association

*Kuningan University*

**Feb 2023 – Feb 2024**

- Served as an IT Solutions Coordinator within the Information Systems Student Association, focusing on optimizing digital workflows for internal communication and event operations.
- Spearheaded the development of an integrated online portal for event registration, attendance tracking, and document sharing, replacing multiple fragmented tools previously used.
- Conducted needs assessment sessions with members and faculty advisors, translating feedback into actionable system requirements and prioritization lists.
- Designed modular system architecture and created process flow diagrams to ensure scalability and ease of maintenance.
- Provided training sessions and documentation for members to maximize adoption of the new tools and minimize onboarding time.
- Achieved a 60% improvement in administrative task efficiency and reduced event coordination delays by over 50%.

## **Bootcamp Participant – Product Design & Business Innovation Training**

*Kuningan University*

**Jun 2023**

- Engaged in an intensive training program emphasizing the end-to-end product design lifecycle, from problem discovery to solution delivery, using design thinking and agile principles.
- Collaborated with cross-functional peers to conduct market research, map customer journeys, and define actionable business requirements for a real-world case project.
- Developed and iterated digital product concepts, transforming validated ideas into interactive prototypes using tools such as Figma and Miro.
- Applied business innovation frameworks to assess product feasibility, define key value propositions, and outline a go-to-market strategy.

## **Core Skills**

- Software Development Life Cycle (SDLC)
- UML, ERD, BPMN
- Agile & Scrum
- Wireframing & UI Flow
- Business Process Modeling
- Stakeholder Requirements Analysis
- Business Model Canvas
- SQL Queries
- Testing
- Time Management
- Team Collaboration & Communication

## **Language**

- Bahasa Indonesia (Native)
- English (Conversational)

## **Education**

**Kuningan University - Information System (IT)**

- GPA: 3.76 / 4.0
- Student Association

## **Certifications**

- Certipoint – HTML5 Application Development | IT Specialist (2024)
- UEPT ITP: 470 (Conversational) | English Test (2025)
- Udemy - Learn BERT Essential - NLP Algorithm by Google (2025)
- Dicoding – Pemrograman Pengembang Software | Software Development (2025)
- University Certification – Student Association (2024)

## **Let's connect**

- LinkedIn: [Irsyad Ibadurrahman](#)
- GitHub: [Irsyad Ibadurrahman](#)
- Portfolio: [Irsyad Ibadurrahman](#)