**SUPERVISOR NAME: NTANDO SIPHO TEMBO MRS**

**CHAPTER ASSESSED: CHAPTER 4**

**DATE SUBMITTED: 31 JULY 2025**

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|  | **FULL NAME** | **REG NUMBER** | **TOPIC** | **COMMENT** | **MARK OUT OF 20** |
| 1 | Blessing Chinokopota | T2277628U | A digital system for streamlined management of home care services for Tariro health medical centre. | The chapter effectively covers key design aspects, demonstrating understanding of technology choices and maintaining logical flow between elements and system goals. However, it contains some long, awkwardly structured sentences, minor grammatical issues, and repetitive points. It functions more as a summary than a critical evaluation, lacking deeper analysis of design trade-offs, limitations, and potential risks. | 15/20 |
| 2 | JESMAN GODZI | T2279279K | FrostyFlavors PayChat -A seamless blend of flavors, chat and payment in one interface |  | /20 |
| 3 | Joe Duramusi | T2279110K | AI based network monitoring system for Chitungwiza Central Hospital accounts and records department |  | /20 |
| 4 | Olen Doka | T2323403V | AI based helpdesk ticket system for Bindura University of Science Education Administration |  | /20 |
| 5 | Taonga Mugomba | T2122250S | Mazowe residential feedback system |  | /20 |
| 6 | Nosizo Mkandla | T2329955F | Automated threat detection system using log data analytics and machine learning |  | /20 |
| 7 | Madake Dylan M | T2325593G | Automated Student Attendance Tracking system using Barcode Scanning Technology | * Comprehensive coverage, technically detailed, shows understanding of both functional and non-functional requirements, clear identification of stakeholders and data flows, good security considerations. * Minor inconsistencies in technology stack references, repeated content in some sections, figure references sometimes unclear. * Consolidate technology stack consistently (choose either PHP/MySQL or Django/PostgreSQL), ensure all diagrams/screenshots are correctly embedded and referenced, and remove minor text repetition. | 12/20 |
| 8 | Danai Adelaide Zibwowa | T2278903Q | Designing a Secure Communication Framework for Enhanced EHR Systems to Support Telemedicine in Remote Healthcare Settings | * Comprehensive technical coverage, strong justification, aligns with project goals, demonstrates understanding of design phase concepts. * Weaknesses: Formatting, minor language issues, incomplete sentences, figure inconsistencies. | 15/20 |
| 9 | Natasha Mutasa | T2322144F | An AI-based cattle disease detection system | * Good technology choices, clear system overview, security and accessibility considered, focus on scalability and real-world use. * Add more details on input validation and output formats, include diagrams and screenshots, clarify processes like data syncing, simplify technical terms, and better link design to user benefits. | 15/20 |
| 10 | Sublime Kabondo | T2272633J | Network based patient monitoring system | * Even though the text explanations are strong, **design chapters in systems/IoT projects heavily rely on visuals** to show architecture, data flow, sensor placement, interface layouts, and alert mechanisms. Without these: * The chapter **lacks clarity on component interactions.** * Readers cannot **visualize the system workflow or interface,** which is critical for understanding and evaluation. * Some sections are **conceptually complete but practically incomplete** without diagrams. | 12/20 |
| 11 | Panashe Mwamadi | T272675C | A web based platform to connect technology students to investors. |  | /20 |
| 12 | Simbarashe Gondongwe | T2277206A | Workplace Visitor Management Using Web Application | * Good overall structure and coverage of design elements like system architecture, inputs, processes, outputs, database, and UI. * Technical details are solid, but some key deployment, security, and state management details are missing or could be expanded. * Visual aids (diagrams, screenshots) are mentioned but not included; these are essential for clarity and professionalism. * Language is clear and professional, though a bit of tightening and fixing minor phrasing issues would help. * Suggestions like error handling, accessibility, notifications, and offline mode need more explicit coverage. * Scalability and maintainability should be discussed more explicitly to show future readiness. * Overall, it’s a strong chapter that would greatly benefit from added visuals and some deeper technical and usability details. | 13/20 |
| 13 | Farisai Ferbilyna Wadzwanya | T2274380G | Crop yield prediction using multi-source data integration | * Clear explanation of design principles and system components. * Detailed description of inputs, processes, outputs, architecture, and database. * Clarify **physical design** and deployment details (hardware, cloud, scalability). * Refine **UI section** (remove unrelated input details, show screenshots/wireframes, navigation). * Expand **technology stack and data handling** details (cloud services, unstructured data, validation metrics). | 14/20 |
| 14 | Panashe Elias Mahemuh | T224646N | Telone Centre for Learning Examination Management System |  | /20 |
| 15 | Tinashe R. Chakupa | T2323991P | ZimSight: Virtual Reality for Cultural Heritage Awareness | * References are credible, recent source though but you did not follow specified IEEE referencing style to back up implementation considerations. * Some sections in the chapter are missing (inputs, processes, outputs, physical design, database design. * No direct link in the conclusion to all the specific design elements covered earlier (should tie back to diagrams, inputs, outputs). * Formatting not fully aligned with academic or project requirements. * Lack of screenshots or sample visuals where expected. | 8/20 |
| 16 | Takunda Mavudzi | T2213745B | RDNS REPORT TRACKING SYSTEM |  | /20 |
| 17 | Essypencia Midzi | T2278721K | Automated Fire Emergency Reporting and Response System for City of Harare | * Comprehensive coverage of design elements: architecture, physical deployment, database, UI. * Clear explanations of processes and rationale behind design choices. * **Formatting issues**: figure numbering inconsistent, diagrams referenced but not embedded. * **Minor inconsistencies** in technology stack (ASP.NET vs PHP/XAMPP). * **Repetition** in database design description. * Could improve flow with more structured subsections and proper figure placement | 13/20 |
| 18 | David T Mandizera | T2272284K | Developing a CRM solution to optimise communication and workflow between clients and developers |  | /20 |
| 19 | Melody Wazara | T2324423P | Predictive analytics based identification of vulnerable populations for diabetes and hypertension |  | /20 |
| 20 | MILAN Munhanda | T1936227M | A Geospatial-Enabled Heart Disease Detection and Hospital Queue Monitoring System for Improved Healthcare Access in Zimbabwe | * Content is mostly complete and technically solid, covering key system design aspects well. * Security and local compliance are well addressed. * Diagrams are referenced but missing; including them would greatly improve clarity. * Some sections are too long or detailed and could be more concise. * Error handling, scalability, and workflow sequencing need clearer explanation. * Overall, the chapter is clear and organized but could benefit from better visual support and tighter wording. | 12/20 |
| 21 | Kudzai Mudakureva T2212697V | T2212697V | Online scholarship application system with rule based automated shortlisting | * Chapter covers key design elements with clear explanations of architecture, processes, and technology choices, showing understanding of their relevance to system goals. Flow is logical and visuals support the text, but there are minor grammatical issues, some repetition, and limited critical analysis of trade-offs or risks. Formatting is inconsistent in places, and deeper technical justification could strengthen the work. | 14/20 |