**System Specification, Analysis and Design**

| **Report section** | **Group member** | **Required actions** | **Completed** |
| --- | --- | --- | --- |
| 1. Introduction |  |  |  |
| 1.1 Project Background (1 page) | Kenneth |  |  |
| 1.2 Project Aims and Objectives (1 page) | Kenneth |  |  |
| 1.3 Project Development Methodology (2 page) | Kenneth |  |  |
| 2 Requirements Engineering |  |  |  |
| 2.1 Elicitation Activities |  | |  |
| 2.1.1 Interview plans | Everyone | Final review required |  |
| 2.1.2 Interview findings | Everyone | Final review required for quality |  |
| 2.1.3 Other problem domain research |  | |  |
| 2.1.3.1 Comparable Software System Review |  | |  |
| 2.1.3.1.1 Records Management Systems | Yomi |  |  |
| 2.1.3.1.2 Zoo Websites | Qudsia/Kenneth |  |  |
| 2.1.3.1.3 Visitor Kiosk/Information Systems | Madhab/Lisa |  |  |
| 2.1.3.2 Development Relevant Legislation | Lisa |  |  |
| 2.1.3.3 Visitor Questionnaire (Optional) | Kenneth  Qudsia  Dawood  Elizabeth  Lisa  Madalina  Alane |  |  |
| 2.2 Requirements Specification |  | |  |
| 2.2.1 Problem Domain Description | Lisa |  |  |
| 2.2.1.1 Existing Business Operation | Lisa |  |  |
| 2.1.1.1 Animal Life-Cycle | Elizabeth | Missing |  |
| 2.2.1.1.2 Sponsorship Life-Cycle | Jason | Missing |  |
| 2.2.1.2 Summary of existing business limitations | Kenneth/Yomi | Needs to be checked |  |
| 2.2.2 Functional Requirements |  | |  |
| 2.2.2.1 Records Management System | Dawood |  |  |
| 2.2.2.2 Zoo Website | Qudsia |  |  |
| 2.2.3.3 Visitor Kiosk Information System | Lisa - Into  Madalina - mobile app  Joel - kiosk |  |  |
| 2.2.3 Performance Requirements (Records Management System) | Yassin | Needs to be checked |  |
| 2.2.3.1 Speed | Yassin | Needs to be checked |  |
| 2.2.3.2 Capacity | Yassin | Needs to be checked |  |
| 2.2.3.3 Reliability | Yassin | Needs to be checked |  |
| 2.2.3.4 Usability | Yassin | Needs to be checked |  |
| 2.2.4 Performance Requirements (Zoo Website) | Kenneth | Needs to be checked |  |
| 2.2.4.1 Speed | Kenneth |  |  |
| 2.2.4.2 Capacity | Kenneth |  |  |
| 2.2.4.3 Reliability | Kenneth |  |  |
| 2.2.4.4 Usability | Kenneth |  |  |
| 2.2.5 Performance Requirements (Visitor Information System) | Joel/Madalina |  |  |
| 2.2.5.1 Speed | Joel/ Madalina |  |  |
| 2.2.5.2 Capacity | Joel/Madalina |  |  |
| 2.2.5.3 Reliability | Joel/Madalina |  |  |
| 2.2.5.4 Usability | Joel/Madalina |  |  |
| 2.2.6 Design Constraints (All software components) | Kenneth |  |  |
| 2.2.7 Commercial Constraints (Total Project) | Kenneth |  |  |
| 3 System Interface Designs |  |  |  |
| 3.1 Draft Interface Designs for RMS |  | |  |
| 3.1.1 Wireframes | Dawood  Alane  Yomi |  |  |
| 3.1.2 System Navigation Diagram | Elizabeth | Needs to be completed |  |
| 3.1.3 System Screen mock-ups | Dawood  Alane |  |  |
| 3.1.4 System Activity Event Diagrams | Alane |  |  |
| 3.2 Design Revisions |  |  |  |
| 3.3 Draft Interface Designs for Zoo Website |  | |  |
| 3.1.1 Wireframes | Kenneth  Qudsia |  |  |
| 3.1.2 System Navigation Diagram | Qudsia | Needs to be checked with Madalina |  |
| 3.1.3 System Screen mock-ups | Kenneth/Madalina |  |  |
| 3.1.4 System Activity Event Diagrams | Beverly |  |  |
| 3.2 Design Revisions |  |  |  |
| 3.1 Draft Interface Designs for Kiosk/Visitor Information |  | |  |
| 3.1.1 Wireframes | Lisa  Madalina  Joel |  |  |
| 3.1.2 System Navigation Diagram | Joel  Madhab |  |  |
| 3.1.3 System Screen mock-ups | Madalina |  |  |
| 3.1.4 System Activity Event Diagrams | Lisa  Joel |  |  |
| 3.2 Design Revisions | N/A |  |  |
| Up to here completed by 03/01/22 | | | |
| 4 Analysis and Design Records Management System - |  |  |  |
| 4.1 Preliminary Analysis Stages |  |  |  |
| 4.1.1. Textual Analysis | Alane | Needs to be completed |  |
| 4.1.2. Significant Event Analysis | Alane | Needs to be completed |  |
| 4.1.3. Class- Responsibility-Collaborator (CRC) | Joel | Needs to be completed |  |
| 4.2. Detailed Static System Designs |  |  |  |
| 4.2.1. First Draft BON System Architecture Diagram | Madalina | Needs to be completed |  |
| 4.2.2. BON System Chart | Madalina | Needs to be completed |  |
| 4.2.3. BON Cluster Charts | Yomi | Needs to be completed |  |
| 4.2.4. BON Class Charts | Beverly | Needs to be completed |  |
| 5 Report Conclusion | Kenneth |  |  |
| 6 References | Everyone |  |  |
| 7 Appendix (List additional appendix if need) | Everyone |  |  |