



| Project Participants       |  |                             |                          |
|----------------------------|--|-----------------------------|--------------------------|
| Name                       | Development of AI-Based Supplier & Distribution Section Application  |                             |                          |
| Stakeholders               | Project Sponsor  | Supply Chain Management     |                          |
|                            | Customers  | Head of Procurement         |                          |
|                            | Contractors  | ABSIS<br>Inetum<br>Artedata |                          |
|                            | Project Team and Project Manager   |                             |                          |
| Project Manager            | Ala Guesmi   | Email Address or Website    | aelaguesmi@gmail.com     |
| Assistant Project Manager  | Ranim Benamor  | Email Address or Website    | ranim.benaamor@gmail.com |
| Project Team               | IT/Development Team, Procurement Department, Finance Department, Operations & Production Teams, Legal & Administrative Department  |                             |                          |
| Project Description        |  |                             |                          |
| Goal Statement             | To improve supplier and distributor selection through data-driven, AI-powered decision-making that enhances supply chain efficiency and reduces operational risks.   |                             |                          |
| Description and Background | Current supplier evaluation processes are manual and inconsistent, causing inefficiencies, cost overruns, and reliability risks. Historical data is underutilized and not systematically analyzed.   |                             |                          |
| Objectives                 | <ul style="list-style-type: none"><li>- Develop an internal AI-based platform that predicts supplier reliability and ranks them based on performance.</li><li>- Reduce procurement decision time and improve supplier consistency.</li><li>- Minimize costs and delays caused by suboptimal supplier selection</li></ul>   |                             |                          |
| Scope                      | The project includes data collection, model development, dashboard creation, testing, and deployment within the organization. It excludes external commercialization or third-party integration.   |                             |                          |
| Deliverables               | <ul style="list-style-type: none"><li>- Clean and centralized supplier dataset.</li><li>- AI prediction model for supplier performance.</li><li>- Interactive dashboard for supplier ranking.</li><li>- Training and user documentation.</li></ul>   |                             |                          |
| Schedule                   | Start Date   | 10/27/25                    |                          |
|                            | End Date   | 01/16/2026                  |                          |
| Time Reporting             | Schedule status and performance will be governed by the established Agile cadence. Progress will be primarily monitored using the Sprint Burndown Chart daily and the Cumulative Flow Diagram (CFD) weekly. Status of major milestones (A, B, C, Go-Live) will be reviewed during the 3-week Cycle Review.Tracking will use the approved Gantt Chart (milestones) and Agile Tracking Sheets (metrics). |                             |                          |
| Cost Estimate              |  |                             |                          |
| Costing                    | The total estimated project cost is <b>62,560 TND</b> , including: <ul style="list-style-type: none"><li>• Human Resources: 42,900 TND</li><li>• Technical &amp; Operational: 11,500 TND</li><li>• Reserves (15%): 8,160 TND</li></ul>   |                             |                          |

| Milestones   |  |
|--|--|
| Project Milestones   | Data Integration & Preprocessing — (source connectivity, ingestion pipelines, schema standardization, data-quality checks, lineage/audit fields).  |
| 10/27/25 -> 11/16/25                                       |  |
| 11/17/25 -> 12/7/25  | Predictive Modeling — (feature engineering & feature store v1, model selection/training/validation, calibration & drift metrics, scoring).   |
| 12/8/25 -> 12/26/2025                                      | Dashboard & Reporting — (manager input form, supplier ranking & risk indicators, filters/trends, PDF/CSV export, role-based access, audit log).  |
| 12/29/2025 -> 01/16/2026                                   | System Testing & Release Readiness — (pilot, performance & security testing, monitoring & alerts/MLOps, documentation & training, rollout to production).  |
| Assumptions, Constraints, Dependencies, Impacts, and Risks |  |
| Assumptions  | <ul style="list-style-type: none"> <li>- Historical supplier data is complete and accessible.</li> <li>- Department collaboration will remain consistent.</li> <li>- Internal IT infrastructure can support AI deployment.</li> </ul>  |
| Constraints  | <ul style="list-style-type: none"> <li>- Limited budget and human resources.</li> <li>- Data confidentiality and legal compliance requirements.</li> </ul>   |
| Risks  | <ul style="list-style-type: none"> <li>- Data quality/Change resistance/Integration/Data security/Algorithm bias/Schedule delays/Budget overrun/Legal compliance/Maintenance/Operational fit.</li> </ul>   |
| Names  |  |
| Roles and Responsibilities                                 |  |
| <b>Project Manager</b>                                     | <ul style="list-style-type: none"> <li>- Define the project timeline, milestones, and deliverables</li> <li>-Coordinate the work of all departments to ensure objectives are met efficiently.</li> <li>- Act as the main link between management, procurement, finance, and technical teams to align expectations and progress.</li> </ul> |
| <b>HR manager</b>  | <ul style="list-style-type: none"> <li>- Allocates roles based on skill sets.</li> <li>- Oversees team performance and motivation</li> <li>- Ensures internal communication and conflict resolution</li> <li>- Designs training and capacity-building programs.</li> </ul>   |
| <b>Procurement Dep Rep</b>                                 | <ul style="list-style-type: none"> <li>-Identifies and evaluates potential suppliers.</li> <li>- Analyzes supplier performance and selection criteria.</li> <li>- Works with the AI team to validate the system's recommendations</li> </ul>   |
| <b>Finance Dep Rep</b>                                     | <ul style="list-style-type: none"> <li>-Estimates project costs and monitors expenditures.</li> <li>- Performs cost-benefit and ROI analysis.</li> <li>- Ensures alignment with the allocated budget.</li> </ul>   |
| <b>Legal &amp; Administrative Dep Rep</b>                  | <ul style="list-style-type: none"> <li>- Reviews supplier contracts and compliance documents.</li> <li>- Ensures adherence to local and international trade laws.</li> <li>- Provides legal guidance on data privacy and intellectual property</li> </ul>  |
| <b>Development Team Lead</b>                               | <ul style="list-style-type: none"> <li>-Translate project requirements into technical specifications and system architecture.</li> </ul>   |

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|---|---|--|---|
|   |   | <ul style="list-style-type: none"><li>-Design and develop the AI-based application interface and backend logic.</li><li>-Integrate machine learning models developed by AI Engineers into the platform.</li><li>-Develop and maintain databases in collaboration with the Data Engineer.</li></ul> |   |
| We agree that this is a viable project. We authorize the beginning of the project planning stage. |   |  |   |
| Signature   |  | Signature  |  |
| Date  | 20/10/2025  | Date   | 20/10/2025  |
| Project Sponsor   | Hatem Ben Mansour   | Supply Chain Manager   | Anas Belghith   |