

Annex B – Case Study

Purpose of the case study:

The purpose of this case study is to evaluate your company's skills and capabilities in key areas crucial for the success of UNICEF LCO's software development project.

The provided case study outlines the context, challenges, and objectives of the software development project. Your task is to prepare a presentation (Maximum 5 slides) that showcases your strategies and expertise in addressing the challenges presented in the case study. Specifically, we are interested in your approach to communication, coordination, project management, and methodology within the unique context of UNICEF LCO.

Time allocated:

- 20 mins to present the case study.
- 10 mins Q&A

Presentation Guidelines:

- Clearly articulate your communication plan, emphasizing transparency, regular updates, and stakeholder engagement within UNICEF LCO.
- Demonstrate how your proposed team structure fosters collaboration among the development team, local data administrators, and UNICEF LCO program managers.
- Present a comprehensive strategy for coordinating data migration and minimizing disruptions during the integration process.
- Justify your choice of project management methodology and provide insights into your risk management approach.
- Outline your proposed development approach, including data modeling, integration frameworks, and testing methodologies.
- Detail a phased rollout strategy within UNICEF LCO to ensure a smooth transition to the Unified Data Ecosystem.

Case Study: Unifying Data Systems for Enhanced Child Welfare at UNICEF Lebanon Country Office (LCO)

Background:

UNICEF Lebanon Country Office (LCO) plays a crucial role in child welfare initiatives within the region. However, the current data landscape within the LCO faces challenges with fragmented data systems, potentially hindering data-driven decision-making. In response, UNICEF LCO is initiating a project to implement the "One-Truth Concept" — a strategic approach to centralize and unify data sources for improved child welfare outcomes within Lebanon.

Project Overview:

The project aims to establish a Unified Data Ecosystem (UDE) at UNICEF LCO, leveraging the one-truth concept to ensure a singular, authoritative source of truth for shared data across diverse programs within Lebanon. With a timeline of 18 months, the objective is to enhance data consistency, interoperability, and governance tailored to the unique needs and challenges of UNICEF operations in Lebanon.

Key Requirements:

- 1. Localized Unified Data Source:** Implement technologies and methodologies to establish a central and authoritative data source tailored to the specific needs and challenges of UNICEF LCO in Lebanon.
- 2. Regional Data Integration and Interoperability:** Develop a seamless data integration framework that enables interoperability among existing data systems within the LCO in Lebanon, fostering collaboration and eliminating data silos.
- 3. Consistency Across Local Programs implemented by UNICEF:** Define and implement standardized data definitions, formats, and standards to ensure consistency across diverse child welfare programs and initiatives within Lebanon.
- 4. Improved Local Decision-Making:** Enhance analytics and reporting capabilities specific to the LCO context in Lebanon by providing decision-makers with accurate, up-to-date information derived from the localized unified data source.
- 5. Localized Data Quality and Governance:** Implement robust data governance practices specifically designed for UNICEF LCO in Lebanon, ensuring data accuracy, security, protection and compliance with international and regional regulations and nuances.

Bidder's Presentation:

1. Communication:

- Localized Communication Plan: Present a communication plan, emphasizing transparency, regular updates, and stakeholder engagement within the context of UNICEF LCO in Lebanon.
- Local Collaboration Channels: Demonstrate how effective communication channels will be established among the project team, UNICEF LCO representatives, and other local stakeholders.

2. Coordination:

- Local Team Collaboration: Outline the proposed team structure, highlighting how collaboration will be facilitated among the development team and UNICEF LCO team.
- Localized Data Migration Strategy: describe the strategy for migrating data from existing systems to the Unified Data Ecosystem within UNICEF LCO in Lebanon.

3. Project Management:

- Localized Methodology: Present the chosen project management methodology, emphasizing its suitability for the unique challenges of unifying diverse data systems within UNICEF LCO in Lebanon.
- Localized Risk Management: Share a comprehensive risk management plan, addressing potential challenges during the integration process within UNICEF LCO in Lebanon and how they will be mitigated.

4. Methodology:

- Localized Development Approach: Explain the proposed development approach, including data modeling, integration frameworks, and testing methodologies tailored to the specific needs of UNICEF LCO in Lebanon to ensure the accuracy and reliability of the unified data source.
- Localized Rollout Strategy: present a phased rollout strategy within UNICEF LCO in Lebanon to minimize disruptions and ensure a smooth transition to the Unified Data Ecosystem.

Q&A Session:

Conclude the presentation with an open session for questions, allowing the evaluation committee to seek clarifications and insights on any aspects of the bid related to the unification of data systems specifically within UNICEF LCO in Lebanon.

This case study provides the bidder with a clear understanding of the localized project's objectives, challenges, and the critical importance of implementing the one-truth concept to enhance child welfare efforts within UNICEF Lebanon Country Office. It emphasizes the need for effective communication, coordination, project management, and adherence to a unified methodology tailored to the region's unique requirements.