

TOGAF Capability Mapping for UnchainCorp's New AI and Blockchain Tool Development

Context:

UnchainCorp, a pioneering organization in the blockchain and fintech sector, is initiating the development of a groundbreaking financial analysis tool. This tool aims to leverage Artificial Intelligence (AI) and blockchain technology to offer predictive insights into investment trends and opportunities. The project represents a strategic move to solidify UnchainCorp's market dominance by innovating beyond traditional financial services.

Scenario:

The introduction of this new tool is pivotal for UnchainCorp, not only from a technological standpoint but also as a strategic business initiative. It necessitates a thorough alignment of technology strategy with the company's business vision and drivers. Given the project's reliance on relatively new technologies to UnchainCorp, a structured approach to understanding and mapping the required business capabilities is essential. The TOGAF framework, particularly its Architecture Development Method (ADM) cycle, provides a robust methodology for this purpose.

Assignment Goals:

Business Vision and Drivers Identification:

- Summarize UnchainCorp's business vision and key drivers behind the development of the new financial analysis tool. Consider factors such as market leadership, innovation, customer satisfaction, and regulatory compliance.

Mapping to Business Capabilities:

- Use the TOGAF Capability Framework to map the identified business vision and drivers to specific business capabilities needed to develop and support the new tool. These capabilities might include technological innovation, data analytics proficiency, blockchain integration, customer service excellence, and compliance management.

Application of the ADM Cycle:

- Outline how the ADM cycle can be applied to plan, develop, and manage the architecture required for the tool's development. Focus on the Preliminary Phase, Architecture Vision (Phase A), and Business

Architecture (Phase B) to illustrate the initial planning and conceptualization stages.

- Identify key stakeholders and their concerns, objectives to achieve, and high-level requirements.
- How to apply the ADM:
 - Preliminary Phase: Establish governance for the project, ensuring alignment with UnchainCorp's strategic objectives and defining the scope of architecture work.
 - Architecture Vision (Phase A):
 - Stakeholders: Identify key stakeholders including product managers, IT staff, marketing teams, compliance officers, and customers.
 - Objectives and High-level Requirements: Define the project's vision to innovate within the fintech space using AI and blockchain, with requirements for scalability, security, and compliance.
 - Business Architecture (Phase B):
 - Business Functions: Detail functions such as investment analysis, customer data processing, and regulatory reporting.
 - Value Streams and Business Services: Outline how the new tool will create value, from data ingestion and analysis to generating investment insights

Capability Gaps and Recommendations:

- Based on the capability mapping, identify potential gaps between the current state and the desired future state of business capabilities at UnchainCorp.
- Provide recommendations for addressing these gaps, considering aspects such as skills development, technology acquisition, process innovation, or partnership opportunities.

Deliverables:

Prepare a concise report that includes:

- A brief overview of UnchainCorp's business vision and drivers for the new tool.
- A capability map linking the business vision to required business capabilities.
- An explanation of the ADM cycle's application to this project, highlighting phases A and B.

- Identification of capability gaps and actionable recommendations for gap closure.

Group Assignment: This task is to be performed in groups of 3-4, encouraging collaboration to ensure a comprehensive analysis and diverse input.

Duration: 20 minutes.