Technical Solution Design Preparation Document

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|  | When designing a technical solution for RenewAgra, you will perform a fit-to-standard analysis of the requirements. By doing so, you will be able to translate their business requirements into technical specifications based on the goals stated by RenewAgra. As you communicate and present your findings to RenewAgra and receive feedback, you will update the Technical Solution Design till you incorporate all the feedback. |

## Tools and Products considered while creating Technical Solution Design (Task 2 – Activity 1)

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|  | *Identify four tools/products you can use to design the Technical Solution for RenewAgra (including one Lifecycle Management tool). Explain in 1-2 sentences why you have chosen each of the four tools.* |

* Focus areas of RenewAgra - Analytics, including predictive analytics and visual representation of data. Products you can consider:
  + SAP Solution Manager, as the customer is already using this tool. (Application Lifecycle Management)
  + BTP, as we are looking for an intelligent platform to share data across the three entities
  + SAP BW/4HANA, as the current implementation of SAP BW, is reaching end-of-life
  + SAP Enterprise Information Management as the customer needs integrated analytics

## Solution used for similar customers (Task 2 - Activity 2)

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|  | *Document the following points based on the customer success story:* *a) Customer information* *b) Pain points* *c)* *Technical solution*  *d) How the technical solution specifically addressed the pain points* |

* Here's the information on Atlanta Blue based on the success story shared in the instructions
  + Customer information: Berry Producer
  + Pain points: Constitutes multiple companies. Data needs to flow among companies the right way.
  + Technical solution: SAP S/4HANA
  + How the technical solution addressed the pain points: Integrating data and operations from field to final sales

## Identifying and closing gaps (Task 2 - Activity 3)

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|  | *Document three gaps and how to close each gap.* |

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| Gap | Solution |
| Data Transformation Capabilities | Recommend solutions such as Enterprise Information Management |
| Up-to-date data modeling tools | Consider SAP BW/4HANA |
| Carbon Footprint | Consider SAP Carbon Footprint Analytics |

## Incorporate Customer Feedback (Task 3 - Activity 1)

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|  | *Identify regulatory and compliance requirements for RenewAgra. Review the case study and list two compliance/regulatory requirements the customer might have.* |

* Data protection regulations
* Taxation laws in multiple countries

## Incorporate Customer Feedback (Task 3 - Activity 2)

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|  | *Use SAP Simplification List to understand the impact of converting from a previous implementation. Document the change for 'HANA-based Analytics for Master Data Governance.' List the Description and the Required and Recommended action from the SAP Simplification List.* |

* Description: SAP HANA-based Analytics for SAP Master Data Governance is unavailable within SAP S/4HANA, on-premise edition 1511 and higher.
* Required and Recommended action: The following check is necessary in case you have SAP Master Data Governance in active usage. In this case, please check if also SAP HANA-based Analytics for SAP Master Data Governance is set up and running.

## Incorporate Customer Feedback (Task 3 - Activity 3)

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|  | *Use SAP Fiori Apps Library to find apps matching the customer's requirements. List two Fiori apps that might be useful for RenewAgra and the reasons for selecting these apps. Remember, RenewAgra wanted a simplified user interface from which their entities and partners could access data.* |

* As per the business discussions, the focus is on data and analytics. You can explore the following Fiori apps:
  + Data Quality Evaluation Overview for Products
  + Inventory Analysis Overview

## Managing customer requirements and feedback (Task 4 – Activity 1)

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|  | *List two ways in which the SAP Solution Manager would help in the documentation of customer requirements while working on Technical Solution Design**.* |

* Specification of custom developments and documentation of code developed, the definition of unit test requirements for custom code
* Configuration of project scope, the adaptation of standard SAP process documentation to a custom solution, the definition of unit test requirements

## Preparing for the Q-Gate (Task 5 - Activity 1)

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|  | *Create a To-do List of implementation/configuration activities. List 3 To-do items and do the checks on feasibility and so on in the table format provided.* |

Prioritizing and Finalizing To-do List

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| --- | --- | --- | --- | --- |
| To do | Is it Feasible? | Does it meet the Timeline? | What are the Constraints? | MoSCoW Prioritization |
| Setting up Development Environment | Y | Y | None | M |
| Setting up Test Environment | Y | Y | None | S |
| Identifying training materials in scope | Y | Y | None | S |