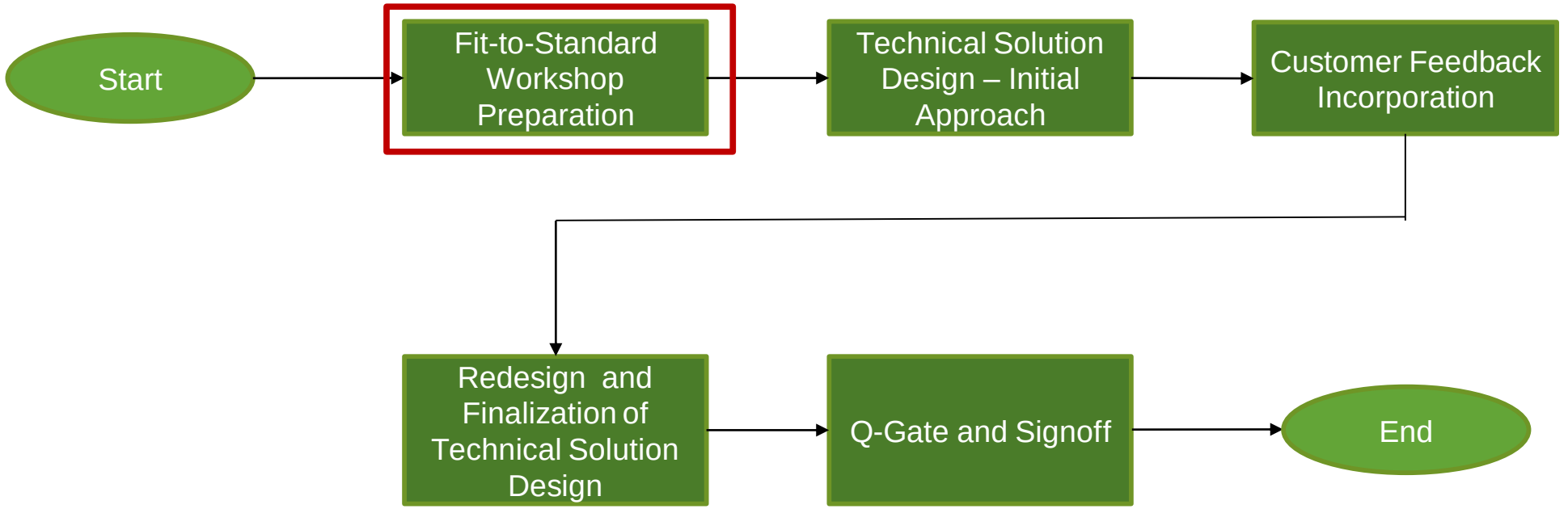
RenewAgra Technical Solution Design Exemplar

THE FUTURE OF CROPS

Where are we?


Start
Fit-to-Standard Workshop Preparation
Technical Solution Design – Initial Approach
Customer Feedback Incorporation
Redesign and Finalization of Technical Solution Design
Q-Gate and Signoff
End

Task 1, Activity 1

How does fit-to-standard work?

Configuration over customization: Fit-to-Standard emphasizes configuring the software using standard options provided by the vendor, rather than modifying the software code to meet specific needs. This approach reduces the cost and complexity of software implementation, upgrades, and maintenance.

Best practices: The Fit-to-Standard method relies on industry-standard best practices for business processes, and the software's standard functionality. This approach ensures that the organization's business processes align with industry best practices, improving efficiency and effectiveness.

Process analysis: The Fit-to-Standard method involves analyzing an organization's business processes to identify gaps between the current process and the standard software functionality. The analysis helps to identify areas where the software needs to be configured to match the organization's requirements.

Iterative approach: The Fit-to-Standard method is an iterative process, where the software configuration is tested and refined through a series of cycles. This approach ensures that the software matches the organization's requirements, and any gaps or issues are identified and resolved before the system goes live.

Flexibility: While the Fit-to-Standard method relies on standard software functionality, it allows for some level of flexibility to accommodate unique business requirements. This flexibility comes from the ability to configure the software and add custom fields and business rules without modifying the software code.

Task 1, Activity 2

Example of a standard functionality

One standard functionality in SAP that can be presented to demonstrate the Fit-to-Standard methodology is the **SAP Fiori "Manage Purchase Requisitions" app**. This app allows users to manage purchase requisitions from creation to approval and purchase order creation, optimizing the procurement process. The app can be customized to meet specific business requirements while leveraging standard SAP functionality, making it an excellent example of the Fit-to-Standard methodology.

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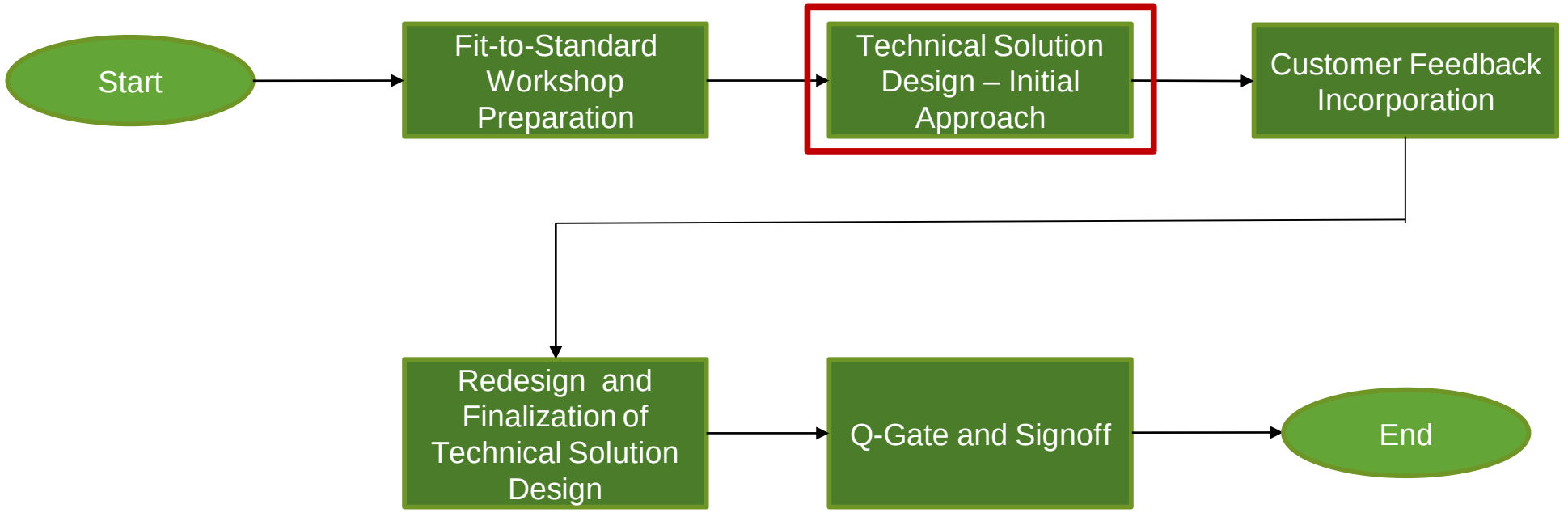
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Task 2, Activity 4

What will we do? CropCo

Implement an integrated system that consolidates data from all CropCo processing plants, which will help standardize data across the business and enable better data analysis and reporting.

Deploy a mobile app that provides real-time information to farmers, including farming machines and trucks arrival times, irrigation schedules, extreme weather notifications, and crop yield forecasts.

Deploy a crop planner tool that can optimize machinery usage and reduce the need for moving equipment across long distances.

Task 2, Activity 4

What will we do? TransCorp

Implement an integrated system that consolidates data from all TransCrop transportation modes, which will help standardize data across the business and enable better data analysis and reporting.

Deploy a fleet calendar that provides real-time fleet availability and predictive maintenance schedules, along with carbon footprint monitoring.

Deploy a shipments planner tool that enables real-time monitoring of transportation activities with re-routing capabilities and cost updates.

Deploy a farmer bookkeeper tool that can track information from commodity markets, forecast market needs, and estimate revenue based on expected yields.

Task 2, Activity 4

What will we do? EnvoData

Implement a unified data management system that integrates data from all EnvoData labs and offices, which will enable better data analysis and reporting.

Deploy a farming planner tool that integrates geographical data (GIS) with digital imagery (machine learning and predictive algorithms) and weather forecasting models, providing visual representations of data with real-time updates and simulation capabilities.

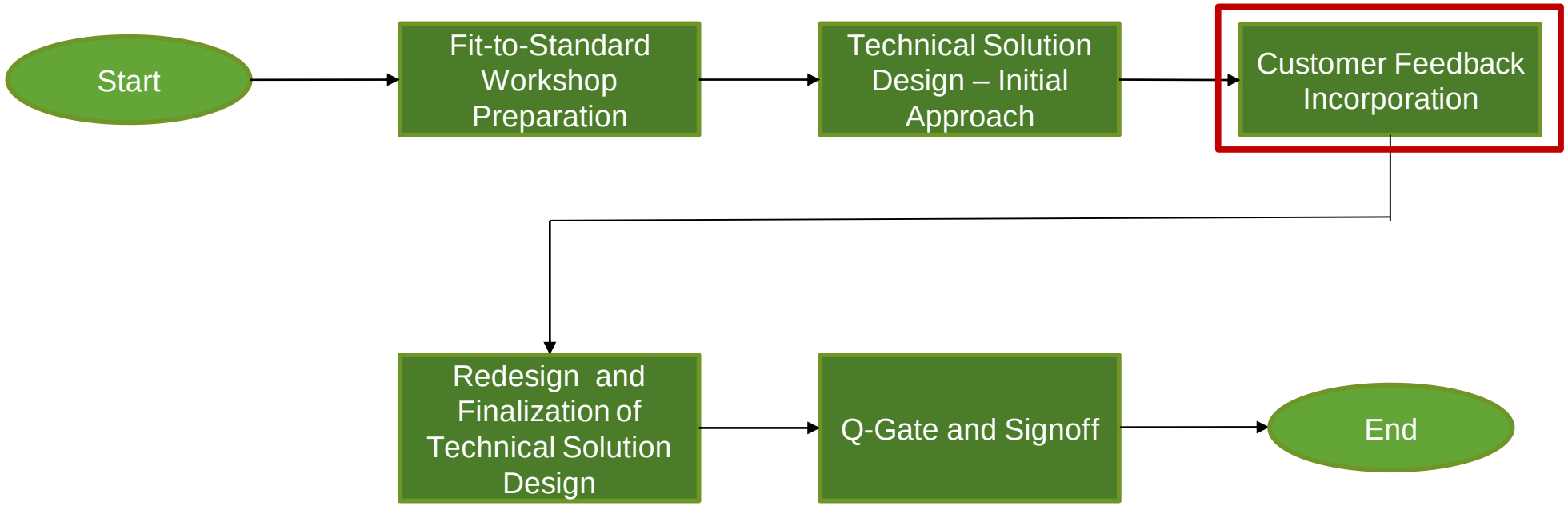
Implement a carbon impact tracking system to monitor and report on the environmental impact of EnvoData's services and products.

Task 2, Activity 4

How ready are we?

Using SAP products and services offered

Where are we?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Task 3, Activity 4

Addressing customer feedback

	Customer Feedback	Resolution
	Mobile apps for farmers	Ensuring that the mobile apps have offline capabilities, allowing farmers to use the apps even when there is no network coverage.
	Carbon footprint measurements	Remove this functionality from the current project and revisit it in the future
	Fleet tracking	Ensure that the project team delivers this functionality within six months
	Data protection regulations	Initiate detailed discussions during the second fit-to-standard workshop to incorporate and discuss data protection regulations
	Analytical tools	Evaluate and bring in add-ons and complimentary software to enhance the functionality of the SAP BW on HANA, SAP Business Objects, SAP Data Services, and S/4HANA systems.
	Project tools	Leverage the up-to-date SAP Solution Manager, Charm, and BPM configured to ensure smooth Change Request Management and Business Process

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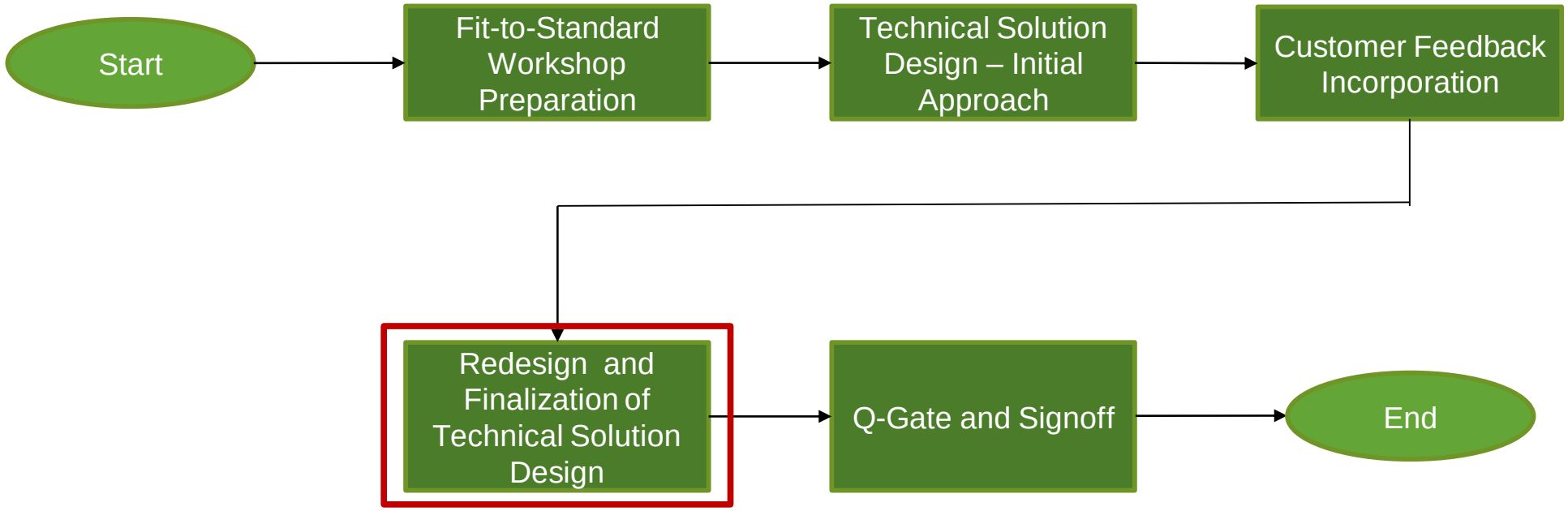
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Task 4, Activity 2

What will we do? CropCo

Mobile Apps for Farmers: As some farms may not have high-quality network coverage and not all partners will phase out their Blackberry devices, we will recommend developing a hybrid mobile application using technologies like React Native or Ionic, which can run on both iOS and Android platforms. This will ensure wider compatibility and better performance in areas with low network coverage.

Carbon Footprint Measurements: As the customer has indicated that this functionality is not relevant to the current project, we will remove it from the scope of the technical solution design.

Task 4, Activity 2

What will we do? TransCorp

Fleet Tracking: As the customer has indicated that GPS roll-out across all locations is in the roadmap and can be delivered six months from now, we will include this functionality in the solution design but will schedule it for later implementation.

Task 4, Activity 2

What will we do? EnvoData

EnvoData System Data Protection: As the customer has raised concerns about data protection regulations, we will ensure that the EnvoData system complies with all relevant data protection laws, including GDPR. We will also discuss the specific data protection requirements with the customer in the second fit-to-standard workshop.

Analytical Tools: As the customer has confirmed that the SAP BW on HANA, SAP Business Objects, and SAP Data Services systems are up-to-date and have been part of recent implementation/upgrade projects, we will integrate these systems into the solution design. We will also explore additional add-ons and complimentary software that can enhance the customer's analytical capabilities. Integration through SAP BTP will be used to simplify communication across multiple regions.

Task 4, Activity 2

RenewAgra – How ready are we?

Finalize the Technical Solution Design: Incorporate all the feedback received from the customer and finalize the technical solution design.

Prepare a detailed project plan: Develop a detailed project plan that outlines the project scope, timelines, deliverables, and resource requirements.

Identify the project team: Identify the project team members, their roles and responsibilities, and ensure that they are available for the project duration.

Conduct a Fit-to-Standard Workshop: Conduct a Fit-to-Standard Workshop with the customer to demonstrate the standard functionality and get their feedback.

Create a Blueprint Document: Create a Blueprint document that details the technical solution design, business processes, and system architecture.

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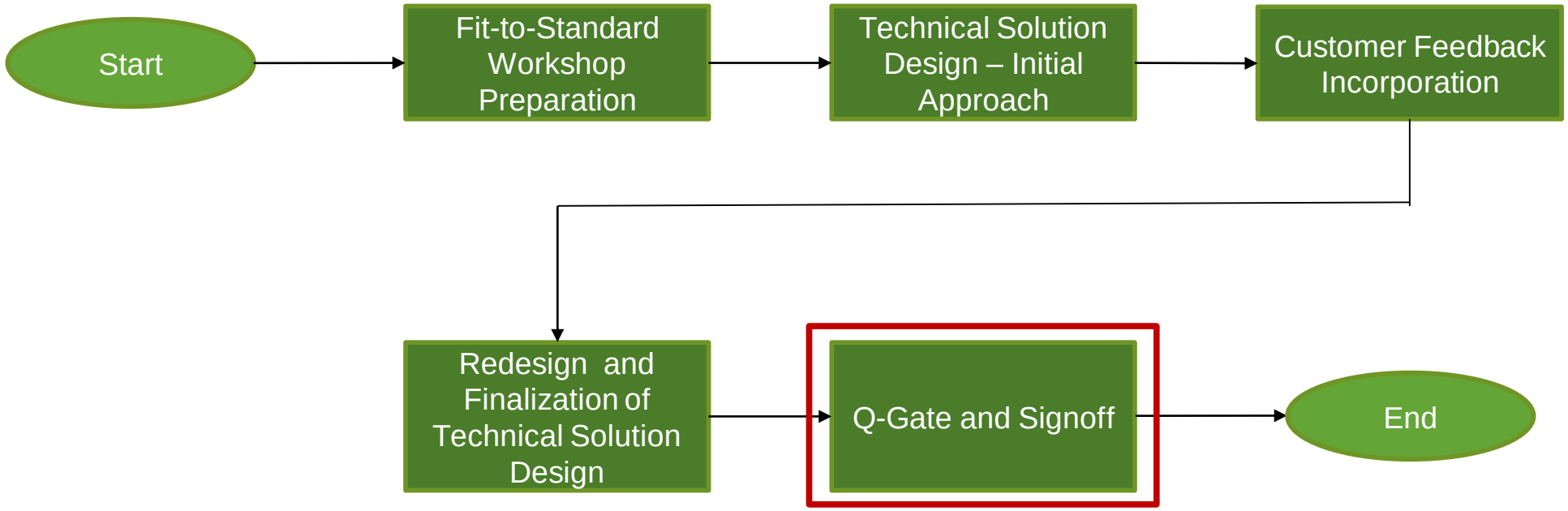
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Task 5, Activity 2

RenewAgra – Product Backlog

Perform User Acceptance Testing: Conduct user acceptance testing to ensure that the configured SAP system meets the user's requirements.

Develop and Deliver Training: Develop and deliver training to end-users to ensure they are comfortable using the new system.

Perform Data Migration: Perform data migration to transfer data from the old system to the new system.

Task 5, Activity 2

RenewAgra – Q-Gate Checklist

Conduct Cutover Activities: Perform cutover activities to switch from the old system to the new system.

Provide Post-Go-Live Support: Provide post-go-live support to end-users to ensure that the new system is running smoothly.

Monitor System Performance: Monitor the performance of the new system to ensure that it meets the non-functional requirements.

Task 5, Activity 2

RenewAgra – Lessons Learned

Address Issues and Bugs: Address any issues or bugs that arise after the go-live and ensure that they are resolved promptly.

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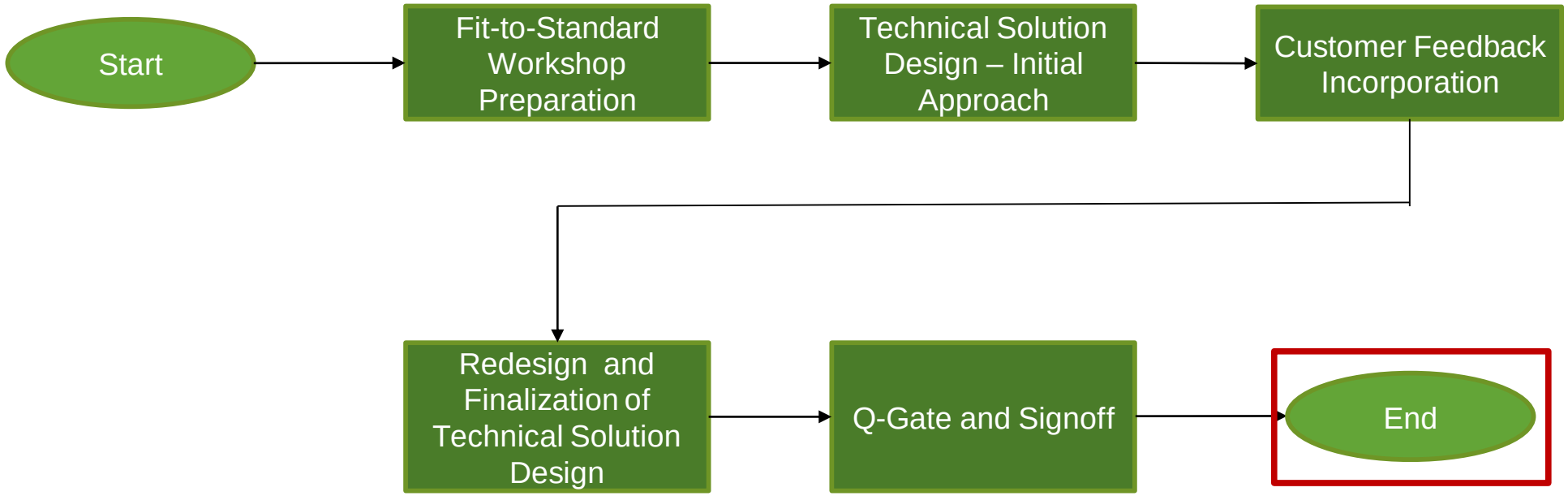
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