Delivery Technical Discovery

DocumentID: DELIVERY-PROJECT-TECHNICAL-DISCOVERY

# Assumptions Before Starting

* Previous Workflow process has been completed and we have a signed SOW.
* Final list of activities to be run here have been included in SOW.

This document outlines the Technical Discovery phase, detailing the necessary activities to analyze and plan the project's technical aspects effectively.

## Process Overview

## 1. \*\*Codebase Analysis\*\*

- Description: Conduct a thorough review of the existing codebase (if applicable) to assess its quality, scalability, and relevance to the new project requirements.

- Responsible Department: Engineering Team

- [Link to Codebase Analysis Guidelines](#)

## 2. \*\*Event Storming Session\*\*

- Description: Organize an interactive workshop with stakeholders and the development team to visualize and explore the project's domain through events.

- Responsible Department: Engineering Team & Business Analysts

- [Link to Event Storming Session Plan](#)

## 3. \*\*Domain Driven Discovery\*\*

- Description: Identify and define the project’s subdomains and their boundaries to ensure clarity in functionality and responsibility separation.

- Responsible Department: Engineering Team & Domain Experts

- [Link to Domain Driven Design Guidelines](#)

## 4. \*\*Architecture Diagram Build\*\*

- Description: Create a detailed architecture diagram that outlines the proposed system architecture, including databases, services, and their interactions.

- Responsible Department: Architecture Team

- [Link to Architecture Diagram Template](#)

## 5. \*\*Cloud Cost Estimate\*\*

- Description: Prepare a detailed estimate of the cloud resources required for the project, considering scalability, data storage, and processing needs.

- Responsible Department: Cloud Operations Team

- [Link to Cloud Cost Estimation Tool](#)

## 6. \*\*Security Plan\*\*

- Description: Develop a comprehensive security plan that addresses potential risks, compliance requirements, and security protocols for the project.

- Responsible Department: Security Team

- [Link to Security Plan Template](#)

## 7. \*\*Technology Stack Evaluation\*\*

- Description: Evaluate and select appropriate technologies (programming languages, frameworks, tools) that best fit the project's needs and client requirements.

- Responsible Department: Engineering Team

- [Link to Technology Stack Evaluation Criteria](#)

## 8. \*\*Performance and Scalability Review\*\*

- Description: Assess the anticipated performance and scalability needs of the project to ensure the architecture supports growth and user demand.

- Responsible Department: Engineering & Performance Teams

- [Link to Performance Review Guidelines](#)

# ## Additional Considerations

## - \*\*Compliance Check\*\*

- Description: Review and ensure that the project complies with relevant industry standards and legal requirements.

- [Link to Compliance Checklist](#)

## - \*\*Documentation\*\*

- Description: Maintain thorough documentation of all findings, decisions, and plans made during the technical discovery phase for future reference and ongoing project management.

- [Link to Documentation Standards](#)

## - \*\*Stakeholder Feedback\*\*

- Description: Regularly update and gather feedback from stakeholders to ensure that the technical discovery outcomes align with business needs and expectations.

- [Link to Stakeholder Feedback Form](#)