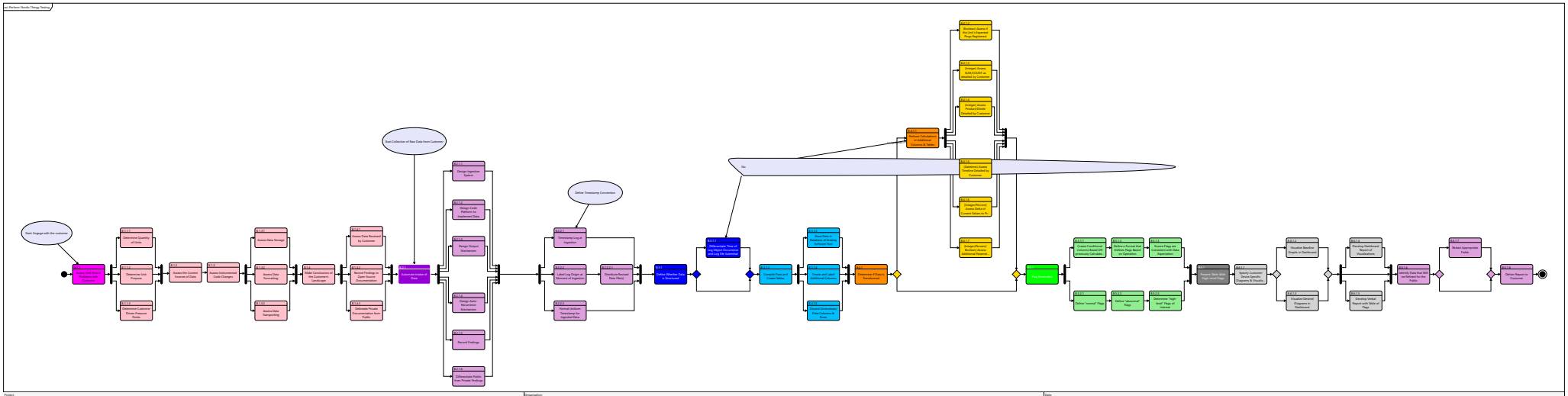
Start Performs Needs Timings Testing
Start: Engage with the customer
A.1.1 Engage with Sales Representative and Customer
A.1.2 Determine Quantity of Units
A.1.3 Determine Unit Purpose
A.1.4 Determine Customer Mission Purpose Points
A.1.5 Assess the Current Sources of Data
A.1.6 Assess Instrumental Code Changes
A.1.7 Assess Data Storage
A.1.8 Assess Data Formatting
A.1.9 Assess Data Transporting
A.1.10 Make Conclusions on the Customer's Landscape
A.1.11 Assess Data Received by Customer
A.1.12 Record Findings in Open Source Documentation
A.1.13 Determine Private Data and Data Not Public
Start Collection of Raw Data from Customer
Assessment Needs of Data
A.2.1 Design Ingestion System
A.2.2 Design Code Automation Implement Data
A.2.3 Design Output Mechanism
A.2.4 Design Auto-Recurrence Mechanism
A.2.5 Record Findings
A.2.6 Differentiate Public Data Private Findings
Define Timestamp Convention
A.2.7 Timestamp Log at Ingestion
A.2.8 Label-tag Origin at Moment of Ingestion
A.2.9 Format Unstructured Data Into Structured Data
A.2.10 Distribute Parsed Data TBA(s)
A.3.1 Define Whether Data is Structured
A.3.2 Differentiate Time of Ingestion Versus Time Stamp The Structured
A.3.3 Visualize Data and Create Tables
A.3.4 Store Data in Database of Kind in Software Tool
A.3.5 Assess and Label Additional Columns
A.3.6 Record Unknowns Or Gaps in Data Sets
A.3.7 Determine if Data is Transformed
No
A.4.1.1 Perform Calculations in Additional Columns & Tables
A.4.1.2 Business Assets / the Unit's Expansion Prop Registered
A.4.1.3 Project Scope DIMENSIONS as detailed by Customer
A.4.1.4 Project Scope Product/Order Detailed by Customer
A.4.1.5 Assessment Scope Timeline Detailed by Customer
A.4.1.6 Project/Personal Business Assets Dashboard Needed
A.4.1.7 Project/Personal Assess Data of Current Sales to Fc...
A.4.1.8 Project/Personal Business Assets Dashboard Needed
A.4.2 Flag Unknowns
A.4.3.1 Create Conditional Columns Based On Formula/Calculation
A.4.3.2 Define "abnormal" Flags
A.4.3.3 Define a Formal Rule Defines Flags Based On Operation
A.4.3.4 Determine "high level" Flags of Interest
A.4.3.5 Ensure Flags are Consistent with Other Aspectation
A.4.4 Ensure Table With Flags Good Flags
A.4.5.1 Specify Customer Choice Operation Diagrams & Visuals
A.4.5.2 Visualize Baseline Graphs in Dashboard
A.4.5.3 Visualize Desired Diagrams in Dashboard
A.4.5.4 Develop Dashboard Report of Visualization
A.4.5.5 Develop Verbal Report with Table of Page
A.4.6 Identify Trace that Will be Related but Not Public
A.4.7 Select Appropriate Fields
A.4.8 Deliver Report to Customer
Project:
ENGINEERI_Team-03_Internet_of_Things
Organization:
Liberty University Capstone Program: Team 03
Date:
2021-10-12