ENVISIONING A MODERN DATA PLATFORM SOLUTION

DELIVERABLE

WORKSHOP

Preliminary talk

1 hour

Collect general information about customer processes and existing IT infrastructure

Evaluate data transformation strategy

Identification of Pain Points

Discussion about potential Use Cases

Big Picture

4 hours

Investigation of existing data sources and IT infrastructure

Select fields of application to be covered by the Data Analytics Platform

Definition of use case for each field

Development of a common vision based on use cases

Roadmap

4 hours

Requirement engineering for use case

Specify technical prerequisites

Describe implementation strategy

Definition of MVP* based on use case

Create architectural design of the data warehouse based on the requirements of the use case(s)

Development of a project plan

Results Call

1 hour

Management summary

Workshop Recap

Solution Design

Project Plan

Effort estimtation & Offer

** A working prototype with minimal functionality that allows it to be delivered quickly, providing initial experience for project stakeholders.*

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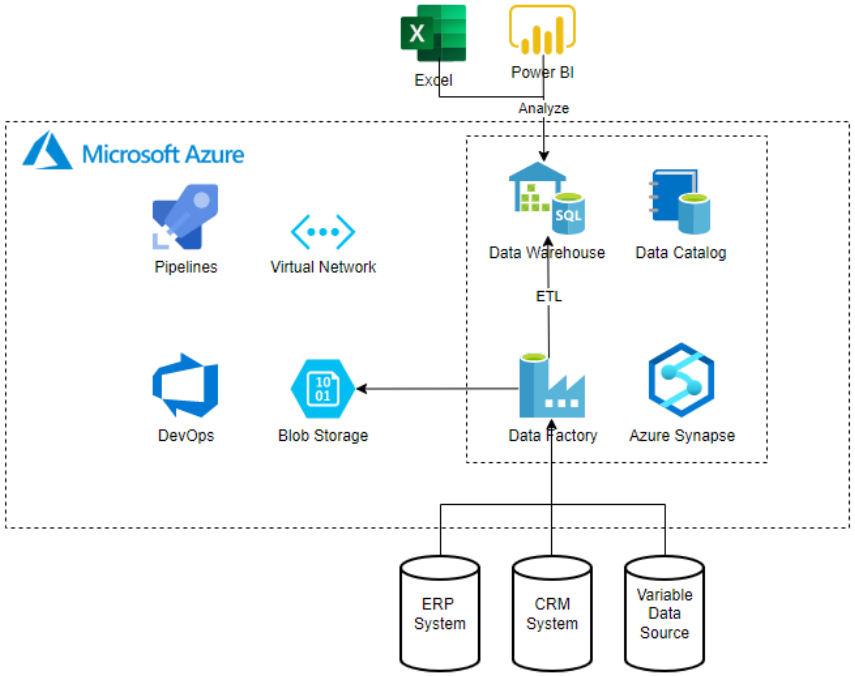
TECHNICAL SOLUTION DESIGN

Solution Design

Our architects build technical design solutions according to established best practices in coordination with your requirements. We focus on the customer's specific needs and challenges in order to find the most optimal solution. The source systems are treated agnostically, and the solution is optimally adapted to their use.

Implementation Use Case

Data is pulled from various data sources on a scheduled intervall. An Azure Data Factory Pipeline is being used to process custom made tasks. Within Azure Synpase, ETL Pipelines build up the different layers of the Data Warehouse. A Unified Data Model harmonizes the differently treated entities to present a single point of truth to the endusers. Business Users connect to the Dataware House using PowerBI. Users will be eligible to view only their respective Data. Data manipulation done by endusers will not persist on the Data Warehouse level.



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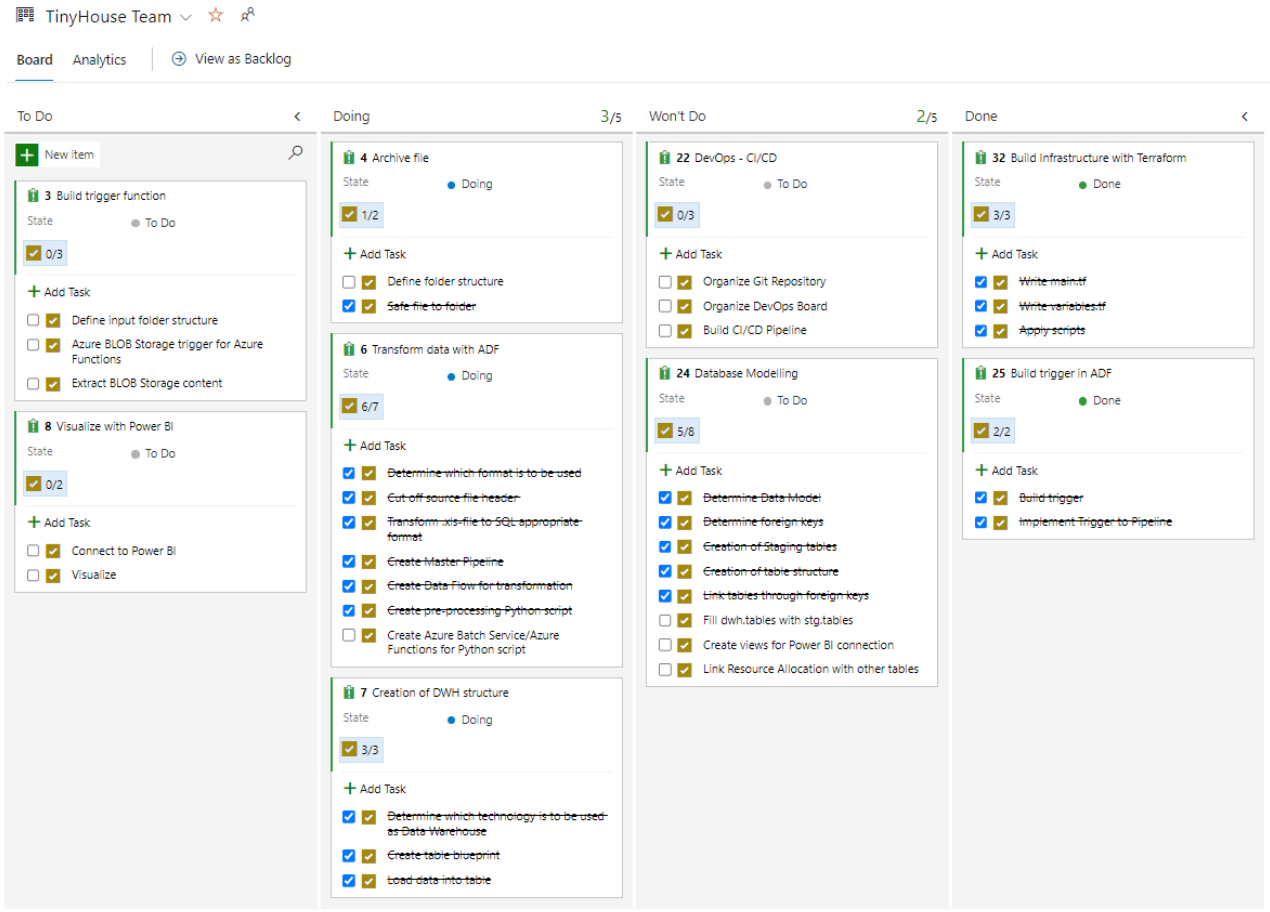
BACKLOG



Roadmap - User Stories

An agile backlog not only simplifies release and iteration planning, but includes all tasks for a team. The Product Backlog consists of a list of items that need to be completed during the development of the product.

A well-maintained backlog provides complete transparency of tasks and planning for each team member. In addition, it opens full control over the tasks, the distribution and processing of tasks.

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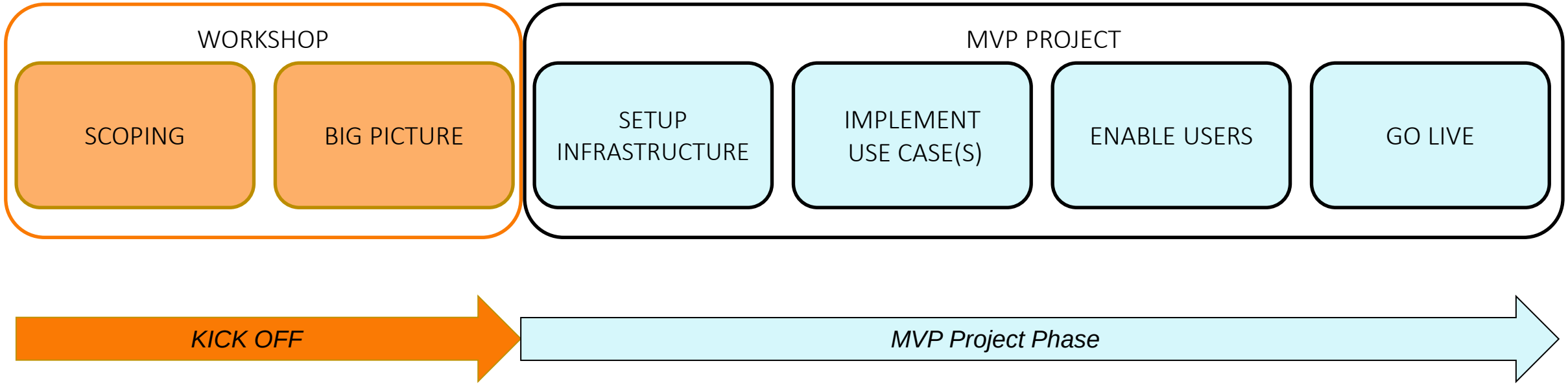
PROJECT PLAN



ONE PAGER

Workshop Format

1 *Preliminary Talk – 1h*
Introduction of customer processes, contexts and data strategy. Discussing the pain points and Use Cases.

2 *Big Picture – 4h*
Overview of the existing data sources and IT infrastructure, with the selection and definition of application use cases.

3 *Roadmap – 4h*
Identify the main technical prerequisites and architectural design for the implementation strategy of the MVP.

4 *Results – 1h*
Mgmt. summary for stakeholders to support a decision and presentation of solution design and roadmap for next steps.

Business Problems and Added Value

- *Unification:* Turn consolidated view across multiple systems into a single Point of Truth for the entire Enterprise.
- *Harmonization:* Turn not harmonized and error-prone data, with too many different KPI definitions into harmonized KPI definitions with little to no error probability.
- *Reporting:* Turn necessary manual post-processing and manually created reports into automated procedures.
- *Time-to-Market:* Turn time intensive development of new use cases into short termed solutions.
- *Lack of Know-How:* Turn knowledge gaps into knowledge bases.
- *Time Delay:* Eradicate time delays of current data and the business transactions to become visible.

Achievable by

Deliverable: Solution Design and Project Plan

Our architects build technical design solutions according to established best practices in coordination with your requirements. We focus on the customer's specific needs and challenges in order to find the most optimal solution.
Using the best tailored technology solution based on the Azure Stack, we combine data from all possible data sources and visualize it for further utilization. We use agile methods to deliver successful projects of various forms.