

Project Health Report

(Complexity Level **HIGH** – 20 Days)

Objective

A hierarchical **target planning and tracking system** is to be built to visualize and report on how project targets assigned by the **PMO** flow down through **VPs → RMs → Centers → Batches**, and how actual **enrollments** match those targets. This tool is to support multiple programs like **Deep Tech, SAVE, BEST, Diya**, etc., and must be capable of generating multi-dimensional reports.

Planning Process Flow

Step 1: PMO Project Creation

- PMO creates a **project** and sets a **total target**.
- The target is allocated to **program vertices** (Diya, Deep Tech, SAVE, BEST).

For Example:

Project Name : abc

Total Project Target : 200

Vertices target allocation:

Diya: 100

Deep Tech : 50

Save : 25

BEST : 25

Step 2: VP Allocation

- VP receives vertex-wise targets and allocates them to **RMs**.
- Target breakdown is RM-wise for each vertex.

Total '**abc**' project target is 200.

Regional Manager(RM) wise Project target allotment (Sample Target Distribution)

Regional Manager 1:

Deep Tech : 20

Diya : 50

Save : 10

BEST : 15

Regional Manager 2:

Deep Tech: 30

Diya : 50

Save : 15

BEST : 10

Step 3 – RM Allocation of Target to Centers

- RM further distributes target across **centers** under them.
- Each target is broken down by **Quarter (Q1, Q2, Q3, Q4)**.

Sample Data:

RM 1:

Deep Tech : 20. -->

WBDUN -> Quarter 1 =10

-> Quarter 2 = 10

Diya : 50

WBHUL -> Quarter 1 = 15

-> Quarter 2 = 15

-> Quarter 3 = 20

Save : 10

WBROR -> Quarter = 10

BEST : 15

WBSIL -> Quarter 2 = 15

Step 4 – CM adding batch in Quarter

- Center Managers (CMs) tag **batches** in a **quarter** under a vertex with center-level targets.
- Each batch has enrollments tagged under a **project + quarter**.

Sample Data:

Center WBDUN

-> Quarter 1 =10

Batch Tag in Quarter 1: ANP-D1234

-> Quarter 2 = 10

Batch Tag in Quarter 2: ANP-D1234

Reports Required

5. Target Vs Achivement Report

1. Center wise
2. Batch wise
3. Quarter wise
4. RM wise
5. Project Wise

Key Notes

- Each report must be exportable (CSV, PDF).
- Project/Quarter/Center/Vertex filters should be available in the UI.
- All tools used must be open source.
- Timeline: **20 calendar days**