**Dashboard Blueprint**

The table below captures the essential details that are needed for the dashboard.

* **Business Requirements**: This was already completed at the end of the meeting with Sophie.
* **User Needs**:This briefly describes the interactions the users will have with the data for this requirement (e.g., what filters are needed).
* **Specific Metrics to Use**: This lists the metrics and any calculated metrics that will be used for this requirement (e.g. Actual Cost).
* **Visualisation:** The type of visualisation that could be used for this requirement (e.g. Bar Chart).

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| Business Requirements | User Needs | Specific Metrics to Use | Visualization |
| 1. Show which projects are running/have run in which countries. | See a list of projects with the related countries, regions, phase, project type  Ability to filter by country/Region/Phase/Project Type | List of projects  Count of projects | Table |
| 2. Identify countries with a 15% difference between *actual costs* versus *target cost*. This difference should be adjustable by the user. | Ability to zoom in on (filter on) a specific country or region  Ability to input a certain threshold  Ability to filter by project type | Percentage over budget (computed from actual cost-planned cost) | Bar chart |
| 3. Identify countries with a 15% difference between *actual duration* versus *target duration*. This difference should be adjustable by the user. | Ability to zoom in on (filter on) a specific country or region  Ability to input a certain threshold  Ability to filter by project type | Percentage over duration (computed from actual duration-planned duration) | Bar chart |
| 4. Identify countries with a 15% difference between *actual deliverable* versus *target deliverable.* This difference should be adjustable by the user. | Ability to zoom in on (filter on) a specific country or region  Ability to input a certain threshold  Ability to filter by project type | Percentage under delivery | Bar chart |
| 5. Show the performance of the projects over time. | See the performance in term of delivery variance, budget and duration for each country/region  Filter for periods- year/quarter/month | Performance trend per period | Line Chart  Scatter graph for cost vs duration |
| 6. For external stakeholders, show the duration of projects by country and phase. | Have a view of all countries with projects and phases  The country filter will be hierarchical to the whole dashboard  Color -country to show affiliate or distributor | Duration of project  Phase of project | Map with a table drill down using tooltip showing duration, |
| Client Acceptance | Sophie (mentor) | Dated | Signed |