**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).
* **Visualization:** The type of visualization 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. Projects** Show which projects are running/have run in which countries. | Client should be able to filter by country and region. Dots on the map should represent countries and regions the projects are operating in. Map should also include project counts in each country, whilst navigating over it. | Planned cost, actual cost, planned duration and actual duration. | A table which includes all the data. Also a map. |
| **2. Countries Over Cost** 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 | Percentage over budget (computed from actual cost-planned cost) | Bar chart |
| **3. Countries Over Duration**  Identify countries with a 15% difference between *actual duration* versus *target duration*. This difference should be adjustable by the user. | Filter by country / region. Adjust percentage via threshold | *Need to calculate % over duration*  *(actual duration – planned duration) / planned duration* | *Bar chart* |
| **4. Countries Under Delivering**  Identify countries with a 15% difference between *actual deliverable* versus *target deliverable.* This difference should be adjustable by the user. | Filter by country / region. Adjust percentage via threshold | Percentage under deliverable | Bar chart |
| **5. Financial Performance Over Time**  Show the performance of the projects over time. | They should be able to filter by projects – data should show performance over time. | Percentage over budget (computed from actual cost-planned cost) / planned cost | Line graph |
| **6. Project Duration** For external stakeholders, an attractive chart which can be exported, showing the duration of projects by country and phase. | Filter by country, phase & project. | Actual duration | Packed bubble chart |
| Client Acceptance | Sophie (mentor) | Dated | Signed |