**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. | Ability to see an overview of all the regions/countries that projects are running in  Ability to select a specific country to view the names of projects that are running/ran there and select these for project details | The country/region list from the Country Profile spreadsheet cross-referenced with the project IDs/countries in the Project Data spreadsheet | World map with dots allowing the selection of individual countries. Hovering over the dots will show a count of the number of projects in that country  A table showing a list of the projects in the selected country |
| **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  Slider to adjust thresholds |
| **3. Countries Over Duration**  Identify countries with a 15% difference between *actual duration* versus *target duration*. This difference should be adjustable by the user. | Ability to select a specific country or region  Ability to input a certain threshold | Percentage over duration (computed from actual duration – planned duration) | Bar chart  Slider to adjust thresholds |
| **4. Countries Under Delivering**  Identify countries with a 15% difference between *actual deliverable* versus *target deliverable.* This difference should be adjustable by the user. | Ability to select a specific country or region  Ability to input a certain threshold | Percentage under delivering (taken from var deliverables on Project Data spreadsheet) | Bar chart  Slider to adjust thresholds |
| **5. Financial Performance Over Time**  Show the performance of the projects over time. | Ability to see a visual representation of the percentage of projects over budget over the time period  Ability to see percentage of projects ongoing/completed | Percentage of all projects over budget each month (taken from the subtotal of actual costs – subtotal of planned costs for each month projects started in) | Line chart |
| **6. Project Duration** For external stakeholders, an attractive chart which can be exported, showing the duration of projects by country and phase. | Ability to select a country or region  Ability to see the durations of each phase for each project ID in that country and the average project duration for that country as a whole  Ability to export chart | List of countries and regions cross-referenced with the project IDs and phases, along with the actual duration for each phase  The average project durations (taken from the mean calculation for each country’s actual durations) | Clickable world map which brings up charts for each location  Bar chart |
| Client Acceptance | Sophie (mentor) | Dated | Signed |