**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. | Table which shows the project divided by country, then type of project and a column dedicated to start date and also shows actual cost. | Original Values | Table |
| **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  Ability for regional managers to look at the countries and instanly see if it is over cost or under cost. | Percentage over budget (computed from actual cost-planned cost) | Bar chart  Packed Bubbles (regoinal managers only) |
| **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 zoom in on (filter on) a specific country or region  Ability to input a certain threshold  Ability for regional managers to look at the countries and instanly see if it is over duration or under duration. | Percentage over budget (computed from actual duration- planned duration) | *Bar chart*  Packed Bubbles (regoinal managers only) |
| **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 zoom in on (filter on) a specific country or region  Ability to input a certain threshold | Percentage over undelivered | Bar Chart |
| **5. Financial Performance Over Time**  Show the performance of the projects over time. | Ability to filter it against specific countries and regions. | Month & Year against sum of running cost. | Line Chart |
| **6. Project Duration** For external stakeholders, an attractive chart which can be exported, showing the duration of projects by country and phase. | It has ability to be filtered against countries, regions and highlighting the most time taken with progressively deepest colour. | Counrty against phase of project and colour coded according to time taken | Heat Map |
| **7. Cumulative duration** | Ability to see the combined sum of all the regions/counties selected duration overrun. | Sum of all the projects in a country with the primary sum. | Text. |
| **8. Cumulative cost** | Ability to see the combined sum of all the regions/counties selected cost overrun. | Sum of all the projects in a country with the primary sum. | Text. |
| Client Acceptance | Anthony (mentor) | Dated : 28/01/2023 | Signed  *Anthony A* |