**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. | Ability to see the different projects in different geographic regions (e.g. zoom in) specific countries and regions. | Show countries where projects are complete or have run in one colour.  Countries where projects are still running in a totally different colour.  Lastly, all countries that are not included in the excel file have to be left in gray colour. | Geographical area chart (the map of the world) |
| 2. Identify countries with a 0% -23% 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. Identify countries with a -1% - 23.5% 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 | *Percentage over time (computed from the actual duration).* | *A bar chart* |
| 4. Identify countries with a -11% - 0% 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 | If the project has gone through all phases. | A Bar chart |
| 5. Show the performance of the projects over time. | The user must be able to select the different projects (consisting of 4 phases). | Project phases and their duration. Possibly KPI indicator showing up and down. | Table |
| 6. For external stakeholders, show the duration of projects by country and phase. | Ability to select a different country.  Each country can be represented by a pie chart. Each phase can be a different fraction of the pie chart. | Have a list of the countries presented as a project. Then displaying the right information. | Pie chart |
| 7. Show percentage of duration for each country | Ability for the user to click on the country and see percentages. | Displaying the countries as bubbles and seeing their percentages | Bubble Map |
| 8. Show percentage of duration over time | The user can select the sheet and observe the ups and downs of the line char. | Displaying the percentage over duration for every week. | Line chart |
| Client Acceptance  Aleksandar Peshev | Sophie (mentor) | Dated : 29/12/2022 | Signed  Aleksandar Peshev |