**{System Name}**

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**Version: \_\_\_\_01\_\_\_\_\_\_**

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| **USE CASE NAME:** | Compare countries | | **USE CASE TYPE** |
| **USE CASE ID:** | 003 | | **Business Requirements: 🗹** |
| **PRIORITY:** | High | |  |
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| **PRIMARY BUSINESS ACTOR:** | System | | |
| **OTHER PARTICIPATING ACTORS:** | * End-user | | |
| **OTHER INTERESTED STAKEHOLDERS:** |  | | |
| **SHORT DESCRIPTION:** | This use case will compare the pandemic statistics such as the number of patients, deaths, recoveries, as well as travel restrictions. | | |
| **PRE-CONDITION:** | The system will have to have data about the countries to be compared since there will be no comparative analysis available otherwise. | | |
| **TRIGGER:** | The use case is triggered when the user selects comparison. This will then trigger the system to make comparison and display. | | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** | |
| **OF EVENTS:** | **Step 1**: End-user selects the comparison tab. | **Step 2**: System identifies which countries the user wants to get a comparison for. | |
|  |  | **Step 3**: System will retrieve data about the corresponding countries from the database. | |
|  |  | **Step 4**: System makes a comparison between countries on pandemic statistics and travel restrictions. | |
|  |  | **Step 5**: System then displays the comparison on the page. | |
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| **ALTERNATE COURSES:** |  | | |
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| **CONCLUSION:** | The end-user will be able to see the statistical and textual comparison of the countries on the pandemic information. | | |
| **POST-CONDITION:** | The comparison between countries will not necessarily be stored on the database. | | |
| **BUSINESS RULES:** | * The number of countries that can be compared will be limited to 3 * The comparison cannot be made with the same country multiple times. | | |
| **IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:** | * The visual comparison will only be made on the statistical components of the pandemic information | | |
| **ASSUMPTIONS:** | The end-users would want to focus on the comparison between a few countries. | | |
| **OPEN ISSUES:** | 1. The system will not distort the data of countries within the database during and after the comparison. | | |