Use Case 1: Create reports on population information

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| Description | This use case describes the process by which a member of the organisation will create a report on population information |
| Actors | Member of the Organisation (MOTO)  System |
| Preconditions | MOTO is authorised to create reports  System has database ready and operational |
| Postconditions | The report is created |
| Trigger | MOTO decides to create a report |

Use Case 2: View language speakers from largest to smallest, including percentage

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| Description | This use case describes the process by which a member of the organisation will be able to view language speakers from largest to smallest, including the percentage of world population |
| Actors | MOTO  System |
| Preconditions | MOTO is authorised to view the language speakers  System has a way to display language speakers from largest to smallest |
| Postconditions | Language speakers are displayed from largest to smallest, also shown in a percentage from the world population |
| Trigger | MOTO decides to view the language speakers from largest to smallest |

Use Case 3: Filter reports by query

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| Description | This use case describes the process by which a member of the organisation will be able to filter reports by a query |
| Actors | MOTO  System |
| Preconditions | MOTO is authorised to filter reports by a query  System has support for the queries  System is able to display to user the updated report |
| Postconditions | The report is generated with the requested information from the queries |
| Trigger | MOTO enters in certain information required into the queries |

Use Case 4: View Population by pre-specified category

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| Description | This use case describes the process which a member of the organisation will be able to view a population by a pre-specified category |
| Actors | MOTO  System |
| Preconditions | MOTO is able to view and select any of the pre-specified categories  System is able to detect what category the user has selected |
| Postconditions | The MOTO is able to view the population based on the category they selected |
| Trigger | MOTO confirms the category they want to view |

Use Case 5: Add Data

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| --- | --- |
| Description | This use case describes the process which a member of the organisation will be able to add data for the system to work off of |
| Actors | MOTO  System |
| Preconditions | MOTO has data needed and has permission to add data  System can accept it |
| Postconditions | System is updated with the new data |
| Trigger | MOTO adding the data |

Use Case 6: Edit Data

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| Description | This use case describes the process which a member of the organisation will be able to edit data |
| Actors | MOTO  System |
| Preconditions | MOTO is able to edit data  System is capable of editing the data |
| Postconditions | System is updated with new, corrected data |
| Trigger | MOTO makes their changes and saves it |

Use Case 7: View countries of the world

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| Description | This use case describes the process which a member of the organisation will be able to view countries of the world |
| Actors | MOTO  System |
| Preconditions | MOTO has permissions to view the countries of the world in this system  System has a toggle to view the countries of the world |
| Postconditions | System shows MOTO the countries of the world |
| Trigger | MOTO selects to view countries of the world |

Use Case 8: View cities of the world

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| --- | --- |
| Description | This use case describes the process which a member of the organisation will be able to view cities of the world |
| Actors | MOTO  System |
| Preconditions | MOTO has permissions to view the countries of the world in this system  System has a toggle to view the cities of the world |
| Postconditions | System shows MOTO the cities of the world |
| Trigger | MOTO selects to view cities of the world |

Use Case 9: View regions of the world

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| Description | This use case describes the process which a member of the organisation will be able to view cities of the world |
| Actors | MOTO  System |
| Preconditions | MOTO has permissions to view the countries of the world in this system  System has a toggle to view the cities of the world |
| Postconditions | System shows MOTO the cities of the world |
| Trigger | MOTO selects to view cities of the world |