**FULL USE CASE DEFINED FOR USER:**

|  |  |  |
| --- | --- | --- |
| SR NO. | USE CASE | DESCRIPTION |
| 1. | LOGIN | A user can log in or signup if they signup they can select their pack according to their need and if they log in, they can enter their username and password where the password is verified, and they are allowed access to the website according to their chosen pack. |
| 2. | PREDICTIVE ANALYSIS | A data analyst using this website for research can use this data on the website. |
| 3. | EDUCATION PURPOSE | Students can use this website to learn about the world’s population and multicultural languages. Also giving them extended knowledge about independence year not only of their country but countries around the globe. |
| 4. | RESEARCH | A demographic analyst can use this website for research about the population, geography, and linguistics around. It can also be used for economic research |
| 5. | BUSINESS PLANNING | A business group can use this website for planning their business in a particular region and revise their strategy for upcoming years. |
| 6. | CUSTOMIZATION FOR SEARCH | This is the special feature given to the pro users to customize their search for the data they need saving them time. Making search easier to prioritize their need giving them satisfactory results and increasing user engagement. |

**FULL USE CASE DEFINED FOR ADMIN:**

|  |  |  |
| --- | --- | --- |
| SR NO. | USE CASE | DESCRIPTION |
| 1. | QUALITY CONTROL | Admin of the website must ensure the quality of the data given on the website and is accurate by cross-checking it through the verified source. |
| 2. | DATA MANAGEMENT | Admin must present data in an organized manner. They should protect and maintain their data throughout the lifecycle, by pre-processing the data appropriately and making data visualization easy for the users to come. As admin users, they must ensure the backup of the data regularly for easy recovery in case of disaster or system failure. |
| 3. | SECURITY | Admin must ensure the security of the data by preventing unauthorized access, theft, alteration, or destruction. Creating strong and secure login authentication that requires a strong password and multi-factor authentication. Sensitive data must be encrypted to prevent data theft and it remains confidential. |
| 4. | CUSTOMIZATION FOR SEARCH | It makes the search for the admin easier and more efficient which satisfies and prioritizes their need. |