Diversity Processing Service

Contributors:

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User Stories

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| User story | Description |
| 1 | As a user, I want to search using ‘diversity parameters’ to get list of corresponding leader details.  E.g., Get all the leader information who is ‘Female’ |
| 2 | As a user, I want to search using ‘company name’ to get company details along with its associated leaders  E.g., Get details of organization “ABC” |
| 3 | As a user, I want to search using ‘leader name’ to get leader details  E.g., Get details of the leader “XYZ” |

Architecture:

Gender and Ethnicity service

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Diversity Processing

UI

Diversity Processing Service

YugaByte database Service

Technology Stack

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| --- | --- |
| Technology/Framework | Version |
| Java | 11 |
| Spring-boot | 2.6.3 |
| Gradle | 7.x |
| React Js | 18.x |
| Swagger | 3.0.0 |
| Junit | 4.x |
| Mockito |  |
| Spring data Jpa | 5.5.0 |
| Yuga-byte | 42.3.3 |
| Jacoco | 0.8.5 |
| AzureWeb | 1.1.0 |
| SLF4j | 1.7.36 |

Code GitHub details:

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| --- | --- |
| Service name | Github url |
| Diversity-Processing Service | https://github.com/rishikeshkmr1209/diversity-processing-service/tree/hackathon |
| Yuga-byte database service | https://github.com/ajay1kadam/yugabyte-service |
| Gender and Ethnicity service | https://github.com/abhosle82/genderAndEthnicity |
| Diversity processing UI | https://github.com/Narsimlub/diversity-processing-gui |

Azure deployment details:

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| --- | --- |
| Service name | Azure Deployed url |
| Diversity-Processing Service | https://diversity-processing-service1.azurewebsites.net/swagger-ui/ |
| Yuga-byte database service | [https://yugabyte-db-service.azurewebsites.net](https://yugabyte-db-service.azurewebsites.net/) |
| Diversity processing UI |  |

Testing tools:

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| Tools |
| Junit |
| Mockito |
| Swagger |

Code Coverage:

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|  |
| Jacoco |