**INDIVIDUAL CONTRIBUTION**

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| **Subject Code: 10CS365** | **Semester: 6** |
| **Subject: Programming With Python** | **USN: 1PI10IS118** |

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| **ASSIGNMENT** | **CONTRIBUTION** |
| **UNIT1:**  **Problem Statement:**  Build an in-menory database to support queries on name, gender, country, achievement and boolean combinations of this | **Implemented create, delete, random data generation and serializing functions for the database.** |
| **UNIT2:**  **Problem Statement:**  Make the database on assignment 1 into a TCP server and client. Support multiple clients using threading. Also implemente logging and exception handling | **Implemented guest mode , admin mode and the anagram problem** |
| **UNIT3:**  **Problem Statement:**  Convert the tcp server from assignment 2 into an HTTP server also build a crawler and parser  to get data from the websites | **Implemented mongoDB APIs, parser by regex, login window and logs.** |
| **UNIT4:**  **Problem Statement:**  Perform HTML text processing using Beautiful Soup and NLTK to extract named entities from the webpages | **Implemented parser, logging and HTML pages.** |
| **UNIT5:**  **Problem Statement:**  Port the application to Google App Engine |  |