***Parts Crib Database Capstone Project (CENG 355 – Week 2 Deliverable)***

***Work Breakdown for Database Design, Mobile and Web Application*.**

***Ifeoluwa David, Mohand Ferawana & Tosin Ajayi***

1. **Database Design Work Breakdown**

* Ifeoluwa David: Conceptual Design + Physical Implementation.
* Mohand Ferawana: Logical Design + Normalization
* Tosin Ajayi: Logical Design + Physical Implementation.

1. **Mobile and Web Application Work Breakdown**

* Ifeoluwa David: Student Rentals and Returns Functionality + Mainly Front-End User Interface Design
* Mohand Ferawana: User Login and Registration functionality + Other Back-End Functionalities
* Tosin Ajayi: Inventory Update and Register Item functionality + Mainly PHP Server-side scripting.

1. **Database Design Terms Used:**

* **Normalization**: The process of organizing data in a database by creating tables and establishing relationships between those tables according to specific rules.
* **Logical Design:** This involves arranging data into a series of logical relationships called entities and attributes.
* **Conceptual Design:** Here we articulate the function and form of the database. It includes the design of interactions, experiences, processes and strategies.
* **Physical Implementation:** This is where we translate the logical data model into a set of SQL statements that define the database.