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| Submitted By: | Kriston Jomari (231165R) |
|  | Wong Jun Lin (24xxxxE) |
|  | Lim Wei Yi, Markus (240785A) |
|  | Kiew Hein Royce (24xxxxG) |
| Module Group: | IT1393-02 |
| Tutor: | Ms. Carol Yang |
| Submitted on: | dd/12/2024 |

IT1393 Data STORAGE ADMINISTRATION

Assignment - PART 1

Physical Data Modelling

# Part 1: Defining Database Structure and Objects using Database Definition Language (DDL) for KeithsBike database (50 marks)

**Task 1: Develop DDL statements for creating the tables in the KeithsBike Database**

**Task 2: Creating and Managing Constraints**

<Team Answer for Task 1 & 2 in Create Table statements and evidence>

**Task 3: Working with Sequences (Indexes and Synonyms) & View**

1. Create the following sequences to be used for primary key values.

<Team Answer>

1. Create the following sequences to be used for primary key values.

<Team Answer>

1. Add the data to the tables using INSERT statements.

<Team Answer>

1. Create an index on the last\_name column of the Customers table

<Team Answer>

1. Create a view.

<Team Answer>

1. Create a synonym for the View created in (3e).

<Team Answer>