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| 19CSE461 -Net-Centric Programming | **Roll No.:** CB.EN.U4CSE19453 |
| **Lab 1** | **21-7-2022** |
| **Date of Assessment**  **Instructions:** | **28-7-2022** |

1. Every student can identify an application that is database centric
2. Individually students should create a github page for posting the work
3. The application should not be related to just algorithm/computational aspect like blogs, Gaming
4. Identify the forms for the application and list the forms in a word document. There should be forms separately for Master and transaction. For Example in hotel management system the Room Master Table will be as below:

In a similar way there will be a master table for the accomdation as :

|  |  |  |
| --- | --- | --- |
| **ColumnName** | **Data Type** | **Constraint** |
| Acc\_id | Number | Primary Key |
| Acc\_type | Char(15) |  |
| Acc\_price | Double |  |
| Acc\_slot | Char(9) |  |
| Occupation | Char(10) |  |

The Transaction Table can be as **Booked Table:**

|  |  |  |
| --- | --- | --- |
| **ColumnName** | **Data Type** | **Constraint** |
| book\_id | Number | Primary Key |
| Book\_by | Char(15) |  |
| Book\_contact | Char(15) |  |
| Book\_address | Char(9) |  |
| Book\_name | Char(15) |  |
| Book\_age | Char(10) |  |
| Book\_gender | Number |  |
| Book\_departure | date |  |
| Dest\_id | Number | Foreign Key |
| Acc\_id | Number | Foreign Key |
| Origin\_id | Number | Foreign Key |
| Book\_tracker | Char(15) |  |

**Origin Table:**

|  |  |  |
| --- | --- | --- |
| **ColumnName** | **Data Type** | **Constraint** |
| Origin\_id | Int | Primary Key |
| Origin\_desc | Char |  |

**Destination Table:**

|  |  |  |
| --- | --- | --- |
| **ColumnName** | **Data Type** | **Constraint** |
| dest\_id | Int | Primary Key |
| dest\_desc | Char |  |

For each of the tables there will be a form with operations Insert,Delete, Modify,View.

**\*Students can take their application and start designing the forms**

**\*Students can use any tools but should show their learnings in HTML 5 and CSS 3 List out the TAG’s used in the web design:**

|  |  |  |
| --- | --- | --- |
| **Form Name** | **Type**  **<Master/Transaction>** | **Purpose** |
| Itinerary | Master | Source, destination, date of journey |
| Class types | Transaction | Various types of classes available |
| Passenger Info | Transaction | Get passenger details |

**HTML/CSS Tags used in the application**

|  |  |
| --- | --- |
| **TAG Name** | **Purpose** |
| <form> | to collect information that visitors provide |
| <div> | to divide a section |
| <ul> | For unordered list |
| <li> | For listing the objects |

**URL of the hosted website:** [**https://tbs19453.netlify.app/**](https://tbs19453.netlify.app/)