Database Design Lab 4

Robert Gabriel

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | Date | Fare\_No | From | To | Fare | total |
| Robert | 10/10/2014 | 1 | Blarney | Cork | 12.30 | 3939 |

1. Devise a table (1NF)

# List dependencies (attribute groupings with identifiers)

From,To -> fare

Id - > From, To

Name ,Date,id -> from ,to , fare

# Designate a primary key for the single table

Primary Key : (Name,Date,Id)

# List any processing problems with the 1NF table above

Updating

There would be repeats and make it hard for updating

Inserting

There would be null values if you wanted to just want to insert for the duplicate copies.

It would leave the errors.

Deleting

There would be null values if you wanted to just do the delete. Could delect more information , lots of information.

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# Driver Table

|  |  |
| --- | --- |
| Driver Id | Name |
| R1 | Robert |

Primary Key (DriverId)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| listId | Fare-No | From | To | Fare |
| 1 | 1 | Blarney | Cork | 12:40 |

Primary Key ( lisId)

|  |  |  |  |
| --- | --- | --- | --- |
| listId | driverId | Date | total |
| 1 | R1 | 10/10/2014 | 3939 |

Prmarykey (listId,driverId)