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| **Name** | : | Sathish Kumar Rajendiran |
| **Current Date** | : | 02/06/2020 |
| **Lab Number** | : | 04 |

**Part 1 – Normalization Case Studies using Draw.IO**

* ***Case Study 2 – More Bikes***

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* ***Case Study 2 – Books Again***

1. Access Database – Datasheet View

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1. What form is in Book Table?
   * + Books Table is in Zeroth Normal Form(0NF); As It has multivalued attribute (“Authors”) in “BookID” 2.
     + In order to be in 3NF,
       - first, we need to promote this to 1NF by removing this multivalued attribute; Split the row into additional lines for each author
       - for 2NF, remove partial functional dependencies; Creating another table called “Authors” or more
       - for 3NF, remove functional dependencies and add Foreign Keys to avoid insert, update, delete anomalies on the Book/Publisher/Author entries.

* ***Part 2 – Normalizing Video Data for VidCast***

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