**Definitions of Entities and Attributes for Bicycle Model**

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| **Table: Product** | | |
| Entity | Product | The outcome obtained from various businesses or manufacturing processes. |
| Attribute | Prod\_ID | Unique identification of a product which differentiate each product from other or an unique number or string to identify the product. |
| Attribute | Prod\_Name | Attractive name given to a product to reach it to the customer and market. |
| Attribute | Prod\_Brand | Some name or series to create own identification in the market. Its design or logo or name. |
| Attribute | Prod\_Size | Measurement of the product in measuring units like centimetres to define its length, height. |
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| **Table: Category** | | |
| Entity | Category | Group of products divided into different groups depending on same features, qualities etc. |
| Attribute | Cat\_ID | Unique identification given to identify particular category or Its an unique number or string to distinguish one product from other product on the basis of multiple attributes like colour, size, model, price. |
| Attribute | Cat\_Name | Name given to identify particular series of categories depending upon its use or purpose. |
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| **Table: SubCategory** | | |
| Entity | Sub Category | Descendent of a category. |
| Attribute | SubCat\_ID | Group of categories divided again into groups to low level depending upon some more common features. |
| Attribute | SubCat\_Name | Name given to identify each series of group of sub categories. |
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| **Table: Order** | | |
| Entity | Order | It’s a request made by a customer and served by a supplier. |
| Attribute | Order\_ID | Unique number or string to identify specific request made by specific customer. |