Relational database table for shipment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Shipment ID** | **User ID** | **First name** | **Last name** | **Shipment address** | **Shipment status** |
| 223 | 101 | Isla | Brown | 162 91 street, Surrey, BC | Out of delivery |
| 224 | 112 | Maria | Wilson | 160 60street, Surrey, BC | Delivered |
| 235 | 111 | Jasmine | Sindhu | 112 127 street, Surrey, BC | In transit |
| 345 | 221 | Maria | Jones | 200 140 street, Surrey, BC | Delivered |

Normalization of shipment database table:

**1NF**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Shipment address** | | | | |
| **Shipment id** | **House no** | **Street** | **City** | **Province** |
| 223 | 162 | 91 | Surrey | BC |
| 224 | 160 | 60 | Surrey | BC |
| 235 | 112 | 127 | Surrey | BC |
| 345 | 200 | 140 | Surrey | BC |

1NF, 2NF

|  |  |  |
| --- | --- | --- |
| **Username** | | |
| **User ID** | **First name** | **Last name** |
| 101 | Isla | Brown |
| 112 | Maria | Wilson |
| 111 | Jasmine | Sindhu |
| 221 | Maria | Jones |

**1NF, 2NF:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Shipment status** | | | |
| **Shipment ID** | **First name** | **Last name** | **Shipment status** |
| 223 | Isla | Brown | Out of delivery |
| 224 | Maria | Wilson | Delivered |
| 235 | Jasmine | Sindhu | In transit |
| 345 | Maria | Jones | Delivered |

**3NF:**

|  |  |  |
| --- | --- | --- |
| **User name** | | |
| **Shipment status** | **First name** | **Last name** |
| Out of delivery | Isla | Brown |
| Delivered | Maria | Wilson |
| In transit | Jasmine | Sindhu |
| Delivered | Maria | Jones |