**Assignment 6: Synopsis for your mini project**

**Grocery Store Management System**

**Mis: 111903099 Division: 2**

**Name: Shreya Kolkur Subject: DBMS**

**Github link : https://github.com/Shreya-Kolkur/DBMS-Project.git**

1. **Relational schemas obtained from ER.**

**admin**

|  |  |  |
| --- | --- | --- |
| **username** | name | password |
| shreya | Shreya | shreya |

**employee**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **employee\_id** | name | date\_of\_joining | contact\_no | password | Managed\_by |
| 1 | Abc | 1/1/2001 | 789456123 | 12345 | shreya |
| 2 | jkl | 1/2/2002 | 123456789 | 12345 | shreya |

**products**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **product\_id** | prod\_name | stock | price | catg | Updated\_by |
| 12 | parle | 40 | 20 | biscuit | shreya |

**bill**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **bill\_no** | cust\_name | cont\_no | date | tot\_price | Employ |
| 25 | pol | 456789123 | 4/2/2020 | 65 | 1 |

**orders**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Order\_id** | Product\_id | No\_of\_items | date | tot\_price | Placed\_by |
| 1 | 12 | 10 | 4/2/2020 | 85 | shreya |

**2.Set of functional dependencies that must hold on each table.**

**admin**

username -> password

username -> name

**employee**

employee\_id -> name

employee\_id -> password

employee\_id ->date\_of\_joining

employee\_id -> cont\_no

employee\_id -> managed\_by

**products**

product\_id -> name

product\_id -> price

product\_id -> stock

product\_id -> catg

product\_id -> updated\_by

**bill**

bill\_no -> employ

bill\_no -> cust\_name

bill\_no -> cont\_no

bill\_no -> date

bill\_no -> tot\_price

**orders**

order\_id -> product\_id

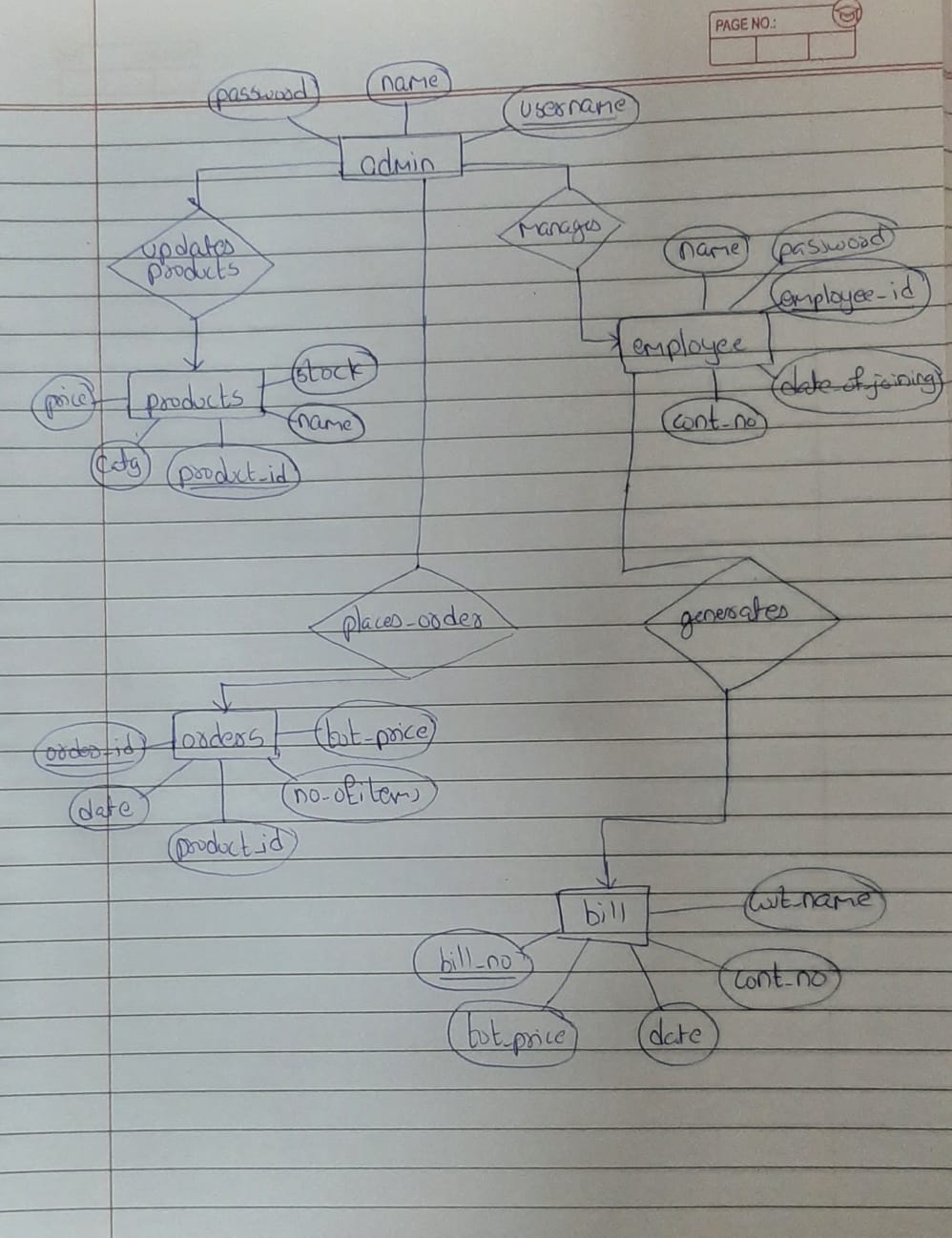
order\_id -> tot\_price

order\_id -> no\_of\_items

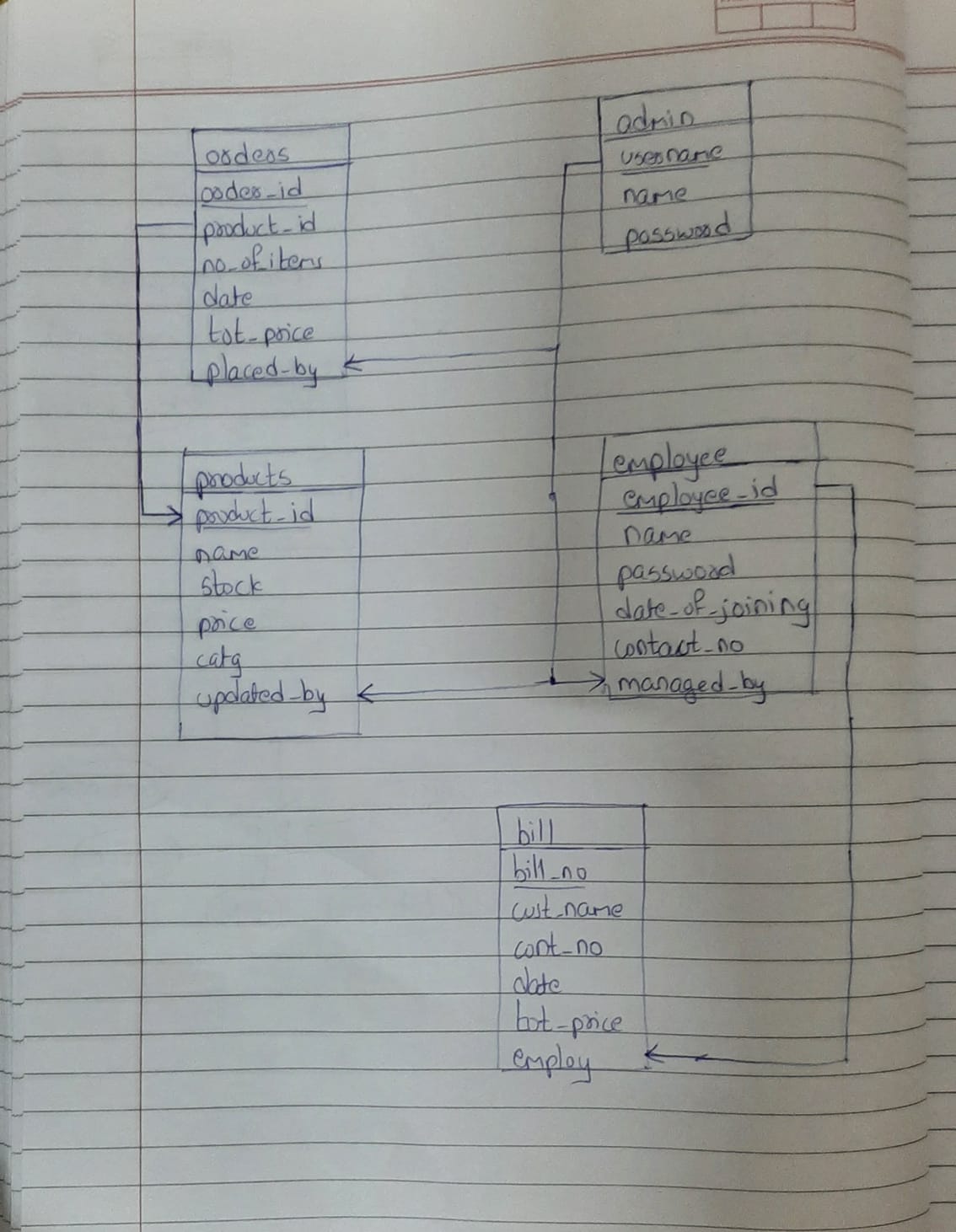
order\_id -> date

order\_id -> placed\_by

1. **ER Diagram**

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**Schema**

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