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Sri Lanka Institute of Information Technology

Information Technology Project (IT2080)

2021

**Database Diagram Activity**

**Online Pharmaceutical Ordering System for Healthymart Pharmacy**

**ITP2021\_S2\_B05\_G02**

Lecture Group No: 5.1/Batch No: 5

|  |  |  |
| --- | --- | --- |
|  | **Registration Number** | **Name with Initials** |
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|  | IT20129576 | Jayawardana J.K.M.D.T |
|  | IT20187132 | Asahara G.A |

**ER DIAGRAM**

Diagram

Description automatically generated

**Diagram

Description automatically generated with low confidenceRELATIONAL SCHEMA**

**TABLE WITH SAMPLE RECORDS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| USER |  |  |  |  |  |
| NIC | AGE | MALE | FEMALE | TEL\_NO | MAIL |
| 123456789V | 25 | Male | NULL | 0712314345 | sample@gmail.com |

Primary key (NIC) References ADMINISTRATOR (NIC)

|  |  |  |  |
| --- | --- | --- | --- |
| ADMINISTRATOR | | | |
| NIC | Admin\_ID | Admin\_Uname | Admin\_Pwd |
| 902477351V | A0001 | Dulaj69 | Dulaj@200 |

Super key (NIC & Admin\_ID) References ADMINISTRATOR (Admin\_ID)

Foreign key (NIC) References USER (NIC)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CUSTOMER |  |  |  |  |  |  |
| NIC | Cus\_ID | F\_Name | L\_Name | Cus\_Address | Cus\_Username | Cus\_Pwd |
| 123456789V | C0001 | Janith | Dilshan | No.69, Thissamaharama | Jana1999 | Jana@2021 |

Super key (NIC & Cus\_ID) References CUSTOMER (Cus\_ID)

Foreign key (NIC) References USER (NIC)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WITHOUT\_PRESCRIPTION | | | | | |
| Cus\_ID | F\_name | L\_name | Cus\_Address | Cus\_Username | Cus\_Pwd |
| C0001 | Janith | Dilshan | No.69. Thissamaharama | Jana19999 | Jana@2021 |

Primary key (NIC) References WITHOUT\_PRESCRIPTION (NIC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SELECT | |  | |  |
| Cus\_ID | P\_ID | | NoOf\_item | |
| C0001 | P001 | | 2 | |

Composite key (Cus\_ID & P\_ID) References SELECT (P\_ID)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| DRUG\_ITEMS | | | | | | |
| P\_ID | P\_Name | P\_Category | P\_Price | Order\_ID | Stock\_ID | Cart\_ID |
| P001 | Blood Pleasure Machine | Electric | 2800 | O101 | S1 | C1 |

Primary key (P\_ID) References DRUG\_ITEM (P\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

Foreign key (Stock\_ID) References STOCK (Stock\_ID)

Foreign key (Cart\_ID) References CART\_OPTION (Cart\_ID)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STOCK |  |  |  |  |
| Stock\_ID | S\_Location | S\_Capacity | Tel\_Number | Admin\_ID |
| S1 | Gampaha | 5 | 0332286677 | A0001 |

Primary key (Stock\_ID) References STOCK (Stock\_ID)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ORDER | | | | |
| Order\_ID | Order\_Date | Order\_Time | P\_ID | Cus\_ID |
| O101 | 02/08/2021 | 09:00 | P001 | C00001 |

Primary key (Order\_ID) References ORDER (Order\_ID)

Foreign key (P\_ID) References PURCHASR\_HISTORY (P\_ID)

Foreign key (Cus\_ID) References CUSTOMER (Cus\_ID)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CART\_OPTION | | | | | |
| Order\_ID | Cart\_ID | Item\_Quantity | Cart\_Amount | Order\_Date | Order\_Time |
| O101 | C1 | 2 | 5600 | 02/08/2021 | 09:00 |

Super key (Order\_ID & Cart\_ID) References CART\_OPTION (Cart\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PRESCRIPTION\_OPTION | | | | | |  |  |  |  |
| Order\_ID | Prescription\_Img | Upload\_time | Pres\_Info | Order\_Date | Order\_Time | V\_ID | IN\_ID | VALID | INVALID |
| O101 | Sample.jpg | 13:15 | ........ | 03/09/2021 | 13:15 | Valid | NULL | T | F |

Super key (Order\_ID & Prescription\_Img) References PRESCRIPTION\_OPTION (Prescription\_Img)

Foreign key (Order\_ID) References ORDER (Order\_ID)

|  |  |  |  |
| --- | --- | --- | --- |
| INVOICE |  |  |  |
| InvoiceID | Invoice\_Info | Tel\_No | Order\_ID |
| I001 | ......... | 0716487579 | O101 |

Primary key (InvoiceID) References INVOICE (InvoiceID)

|  |  |  |  |
| --- | --- | --- | --- |
| DELIVERY |  |  |  |
| Order\_ID | Delivery\_ID | Address | Tel\_No |
| O101 | D001 | No.69. Thissamaharama | 0716487579 |

Composite key (Delivery\_ID & Order\_ID) References DELIVERY (Delivery\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

|  |  |  |  |
| --- | --- | --- | --- |
| CUSTOMER\_RESPONSE | | | |
| Res\_ID | Description | Rating | Type |
| R0001 | Good service | 4.6 | Feedback |

Primary key (Res\_ID) References CUSTOMER\_RESPONSE (Res\_ID)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WITH\_PRESCRIPTION | | | | | |
| Cus\_ID | F\_Name | L\_Name | Cus\_Address | Cus\_Username | Cus\_Pwd |
| C0002 | Nadun | Kularathne | No.12/c Gumpaha | Nadun20 | Nadun@20# |

Primary key (Cus\_ID) References CUSTOMER (Cus\_ID)

|  |  |
| --- | --- |
| PURCHASE\_HISTORY | |
| P\_ID | Purchase\_Info |
| P001 | ....................... |

Primary key (P\_ID) References PURCHASE\_HISTORY (P\_ID)

|  |  |  |
| --- | --- | --- |
| FAVORITE | | |
| P\_ID | F\_ID | Item\_Info |
| P001 | F001 | .......... |

Composite key (P\_ID & F\_ID) References FAVORITE (F\_ID)

Foreign key (P\_ID) References PURCHASE\_HISTORY (P\_ID)

|  |  |  |
| --- | --- | --- |
| PLACE | | |
| Cus\_ID | Order\_ID | RES\_ID |
| C0001 | O101 | R0001 |

Composite key (Cus\_ID & Order\_ID & RES\_ID) References CUSTOMER (Cus\_ID)/ ORDER (Order\_ID)/ CUSTOMER\_RESPONSE (RES\_ID)

Foreign key (Cus\_ID) References CUSTOMER (Cus\_ID)

Foreign key (Order\_ID) References ORDER (Order\_ID)

|  |  |  |  |
| --- | --- | --- | --- |
| REPORT | | | |
| Report\_ID | Admin\_ID | R\_Date | R\_Info |
| RE002 | A0001 | 20/08/2021 | .......... |

Foreign key (RES\_ID) References PURCHASE\_HISTORY (RES\_ID)

Primary key (Report\_ID) References REPORT (Report\_ID)