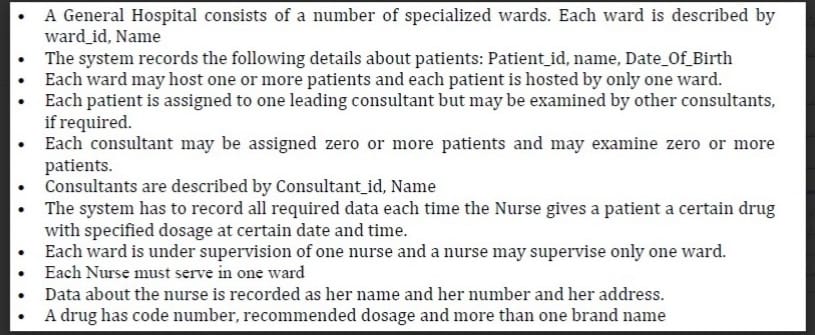


## 1. Entities and Attributes:

|  |  |
| --- | --- |
| Entity | Attributes |
| Musician | ID, Name, Phone, Address (St, City) |
| Instrument | Name, Key |
| Song | Title, Author |
| Album | ID, Title, Date |

## 2. Relationships and Cardinalities:

|  |  |  |
| --- | --- | --- |
| Entities | Relationship | cardinality |
| Musician - Instrument | Play | M : M |
| Musician - Song | Play | M : M |
| Song - Album | Appears at | M : 1 |
| Musician - Album | Produce | 1 : M |

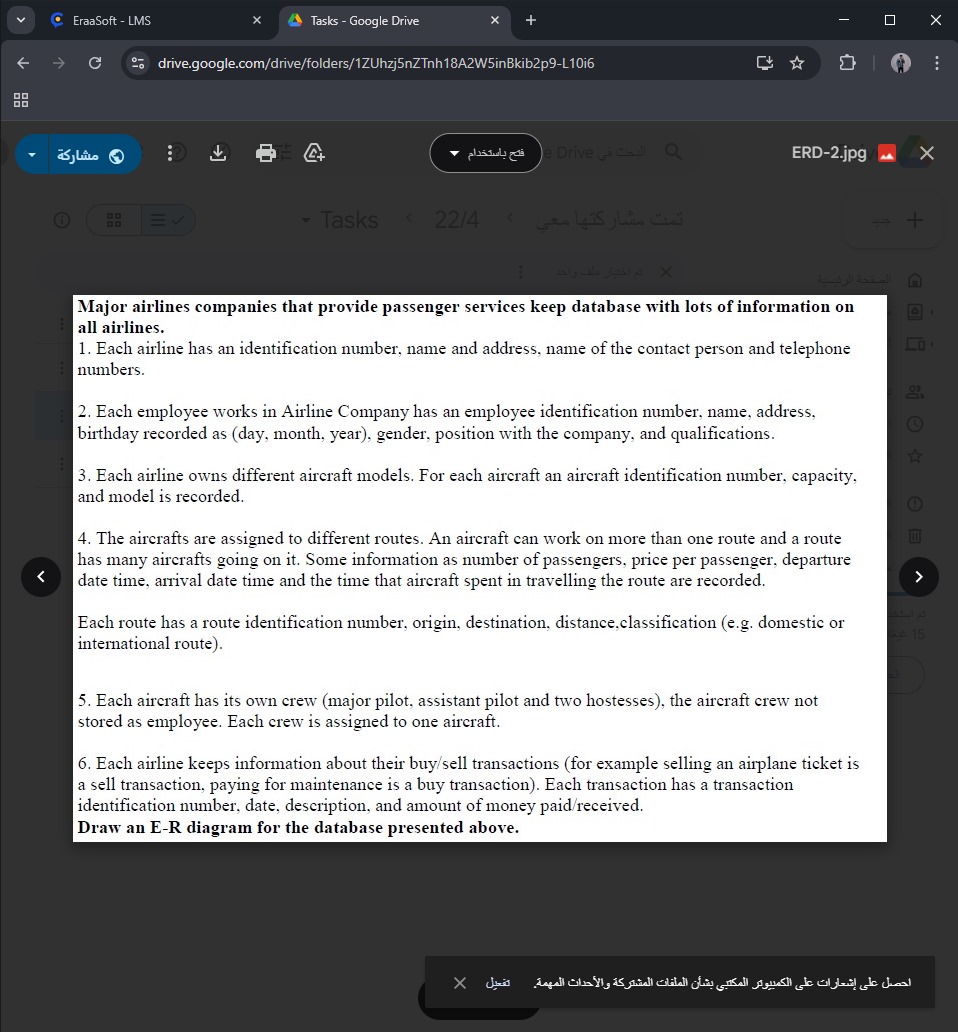


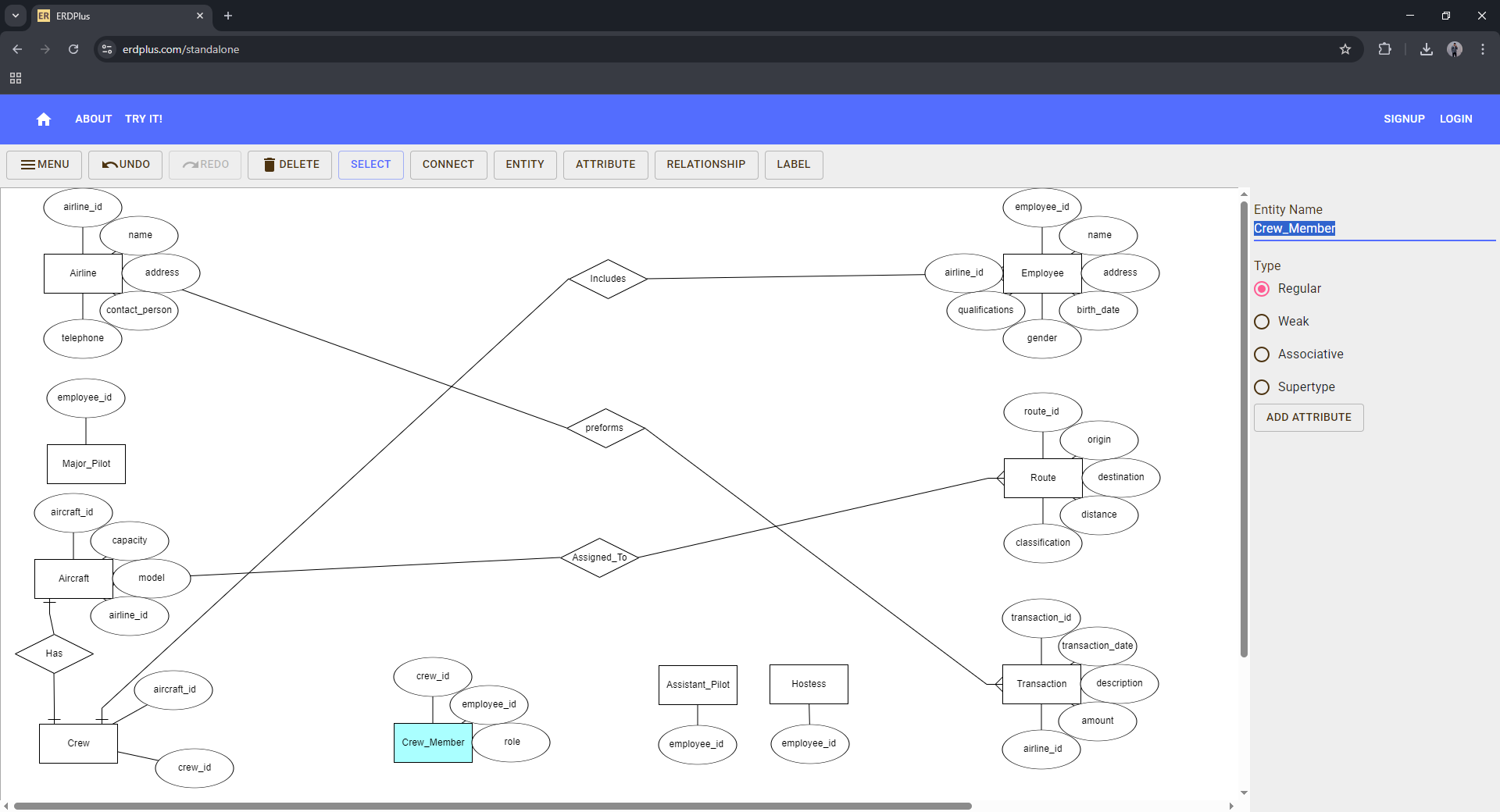
## 1. Entities and Attributes:

|  |  |
| --- | --- |
| Word | Word\_ID , name |
| Patient | Patient\_ID , name , date\_of\_birth |
| consultant | Consultant\_ID , name |
| Nures | Nures\_ID , name , address |
| Drug | Code\_number , recommended\_dosage , brand\_names(multi-valued) |

## 2. Relationships and Cardinalities:

|  |  |  |
| --- | --- | --- |
| Entities | Relationship | cardinality |
| Hosts | Ward- patient | 1 : M |
| Assigned\_to | Patient-consultant | M : 1 |
| examines | Consultant-Patient | M : M |
| supervises | Nurse -Word | 1 : 1 |
| Administers | Nurse-Patient-Drug | M : M |





# 1. Entities and Attributes:

|  |  |
| --- | --- |
| Airline | airline\_id, name, address, contact\_person, telephone |
| Employee | employee\_id , name, address, birth\_date, gender, qualifications, airline\_id |
| Major\_Pilot | employee\_id |
| Assistant\_Pilot | employee\_id |
| Hostess | employee\_id |
| Aircraft | aircraft\_id , capacity, model, airline\_id |
| Route | route\_id , origin, destination, distance, classification |
| Crew | crew\_id , aircraft\_id |
| Crew\_Member | crew\_id , employee\_id , role |
| Transaction | transaction\_id , transaction\_date, description, amount, airline\_id |

# 2. Relationships and Cardinalities:

|  |  |  |
| --- | --- | --- |
| Aircraft - Route | Assigned\_To | M : M |
| Aircraft - Crew | Has | 1 : 1 |
| Crew - Employee | Includes | 1 : M |
| Patient - Consultant | Assigned\_to | M : 1 |
| Consultant - Patient | Examines | M : M |
| Airline - Transaction | Performs | 1 : M |