



Cairo University

Faculty of Engineering



Computer Engineering Department

CMP 2020

SEM – team 16



INTRODUCTION TO DATABASE SYSTEMS



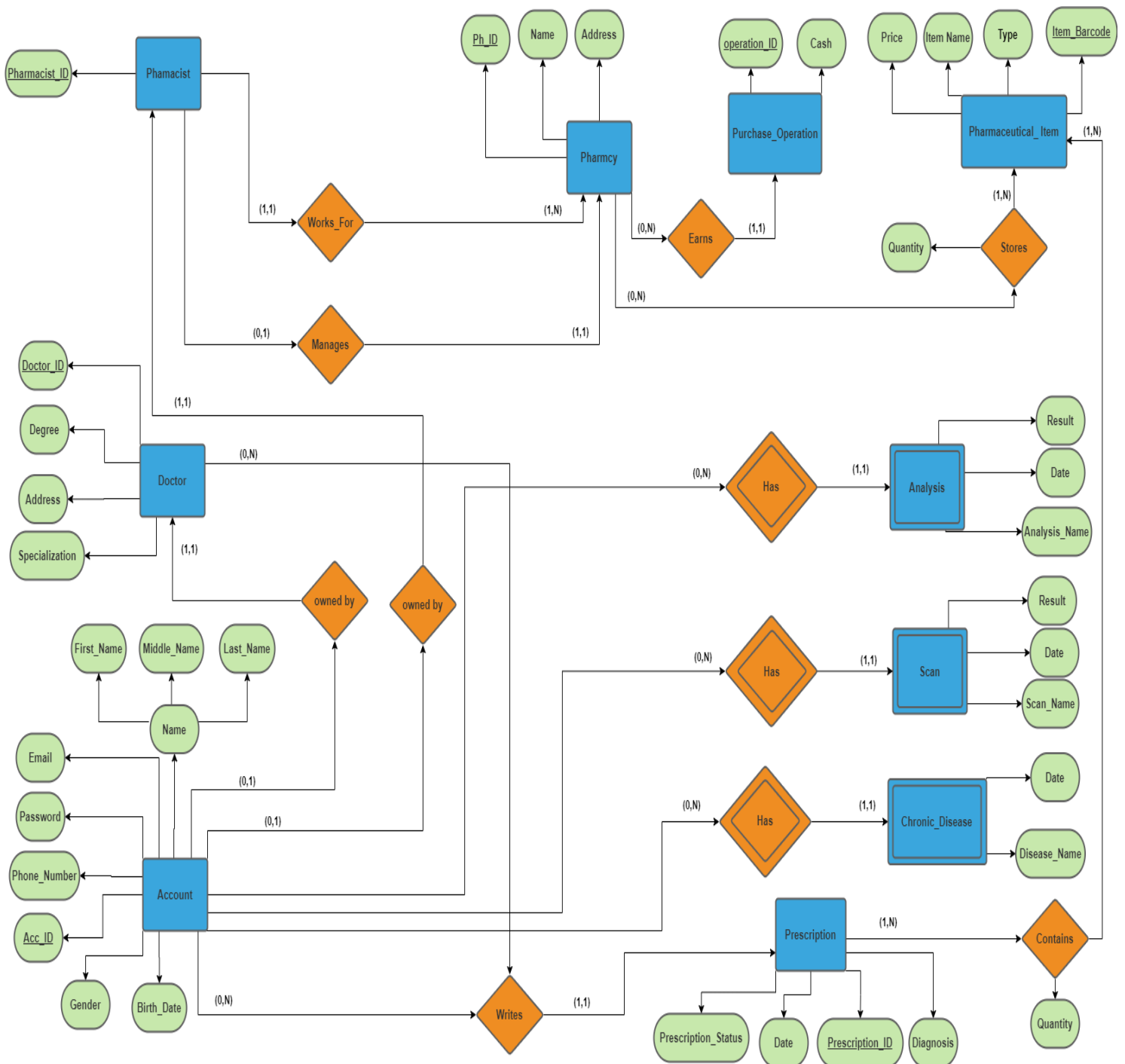
Database Schema Report

Pharmacy's Database System

Name	Section	B.N.	Contact E-mail
Youssef Ahmed Anwar	2	37	yousef.elftah00@eng-st.cu.edu.eg
Mostafa Wael Kamal	2	27	mostafa.Kamal00@eng-st.cu.edu.eg
Mostafa Magdy	2	24	Mostafa.mostafa99@eng-st.cu.edu.eg
Mostafa Elgendy	2	25	mostafamohamed.elgendy00@eng-st.cu.edu.eg

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ER Diagram



To view the ER Diagram clearly: visit www.draw.io and open the file named “ER Diagram.io ” from the website.

Database Schema

Account

<u>Account_ID</u>	Email	Password	First_Name	Middle_Name	Last_Name	Gender	Birth_Date	Phone_Number	Type
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Doctor

<u>Doctor_ID(Account)</u>	Degree	Specialization	Address
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Pharmacist

<u>Pharmacist_ID(Account)</u>	Pharmacy_ID(Pharmacy)
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Pharmacy

<u>Pharmacy_ID</u>	Name	Address	Manager_ID(Pharmacist)
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Pharmaceutical_Item

<u>Item_ID Barcode</u>	Type	Price	Item_Name
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Pharmacy_Repository

<u>Pharmacy_ID(Pharmacy)</u>	<u>Item_ID(Pharmaceutical_Item)</u>	Quantity
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Purchase_Operation

<u>Pharmacy_ID(Pharmacy)</u>	<u>Operation_ID</u>	Cash
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Prescription

<u>Prescription_ID</u>	Diagnosis	Date	Prescription_Status	Patient_Acc_ID(Account)	Doctor_ID(Doctor)
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Analysis

<u>Analysis_Name</u>	<u>Date</u>	Result	<u>Patient_Acc_ID(Account)</u>
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Scan

<u>Scan_Name</u>	<u>Date</u>	Result	<u>Patient_Acc_ID(Account)</u>
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Chronic_Disease

<u>Disease_Name</u>	Date	<u>Patient_Acc_ID(Account)</u>
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