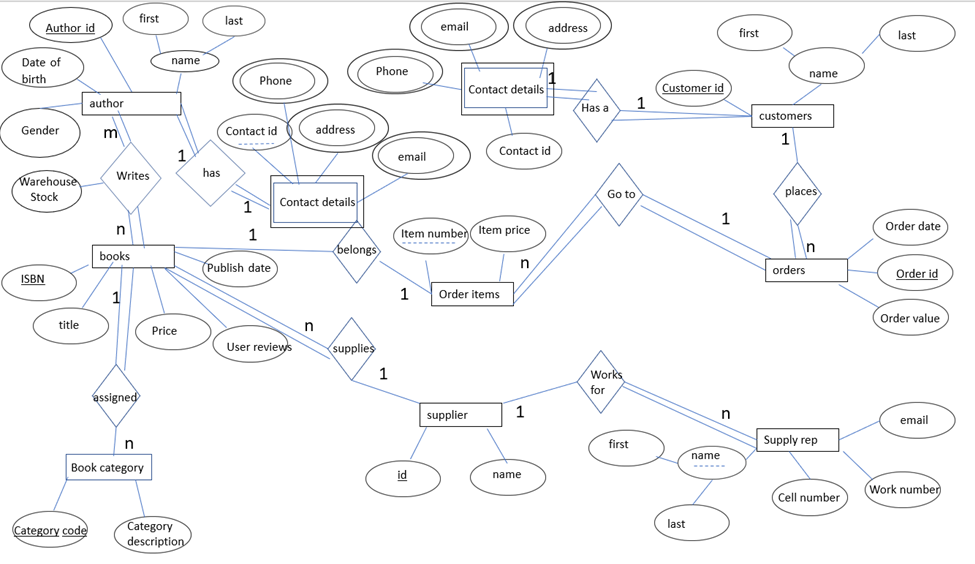
ER diagram



Relational Schema

author(author\_id, birthdate, gender, first, last)

Primary key = author\_id

books(ISBN, title, price, reviews, publish\_date, supplier\_id)

Primary key = ISBN

Foreign key = supplier\_id

warehouse(authur\_id, ISBN, stock)

Primary key = {author\_id, ISBN}

Foreign key = {author\_id, ISBN}

bookCategory(category\_code, category\_description, ISBN)

Primary key = category\_code

Foreign key = ISBN

supplier(supplier id, name)

Primary key = supplier\_id

supply\_rep(first, last, cell\_number, work\_number, email, supplier\_id)

Primary key = {first, last, supplier\_id}

Foreign key = supplier\_id

orders(order\_id, order\_date, order\_value, customer\_id

Primary key = order\_id

Foreign key = customer\_id

customers(customer\_id, first, last)

Primary key = customer\_id

Foreign key = contact\_id

customer\_contact\_details(contact\_id, customer\_id)

Primary key = {contact\_id, coustomer\_id}

Foreign key = customer\_id

customer\_number(phone, contact\_id, customer\_id)

Primary key = {contact\_id, coustomer\_id}

Foreign key = {contact\_id, coustomer\_id}

customer\_email(email, contact\_id, customer\_id)

Primary key = {contact\_id, coustomer\_id}

Foreign key = {contact\_id, coustomer\_id}

customer\_address(address, contact\_id, customer\_id)

Primary key = {contact\_id, coustomer\_id}

Foreign key = {contact\_id, coustomer\_id}

author\_contact\_details(contact\_id, author\_id)

Primary key = {contact\_id, author\_id}

Foreign key = author\_id

author\_number(phone, contact\_id, author\_id)

Primary key = {contact\_id, author\_id}

Foreign key = {contact\_id, author\_id}

author\_address(address, contact\_id, author\_id)

Primary key = {contact\_id, author\_id}

Foreign key = {contact\_id, author\_id}

author\_email(email, contact\_id, author\_id)

Primary key = {contact\_id, author\_id}

Foreign key = {contact\_id, author\_id}

order\_items(item\_numbers, item\_price, order\_id, ISBN)

Primary key = {order\_id, item\_number}

Foreign key = {order\_id, ISBN}