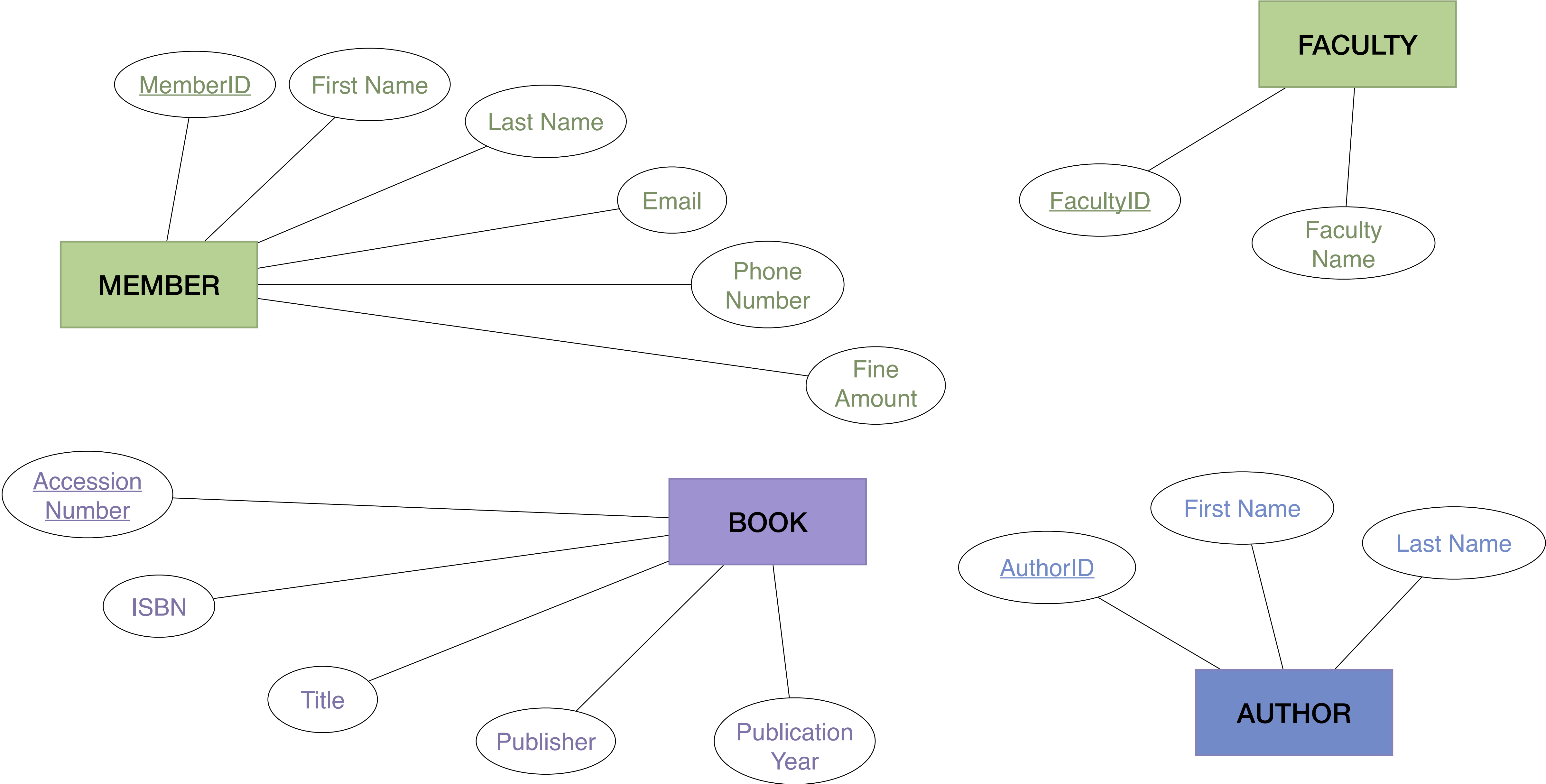
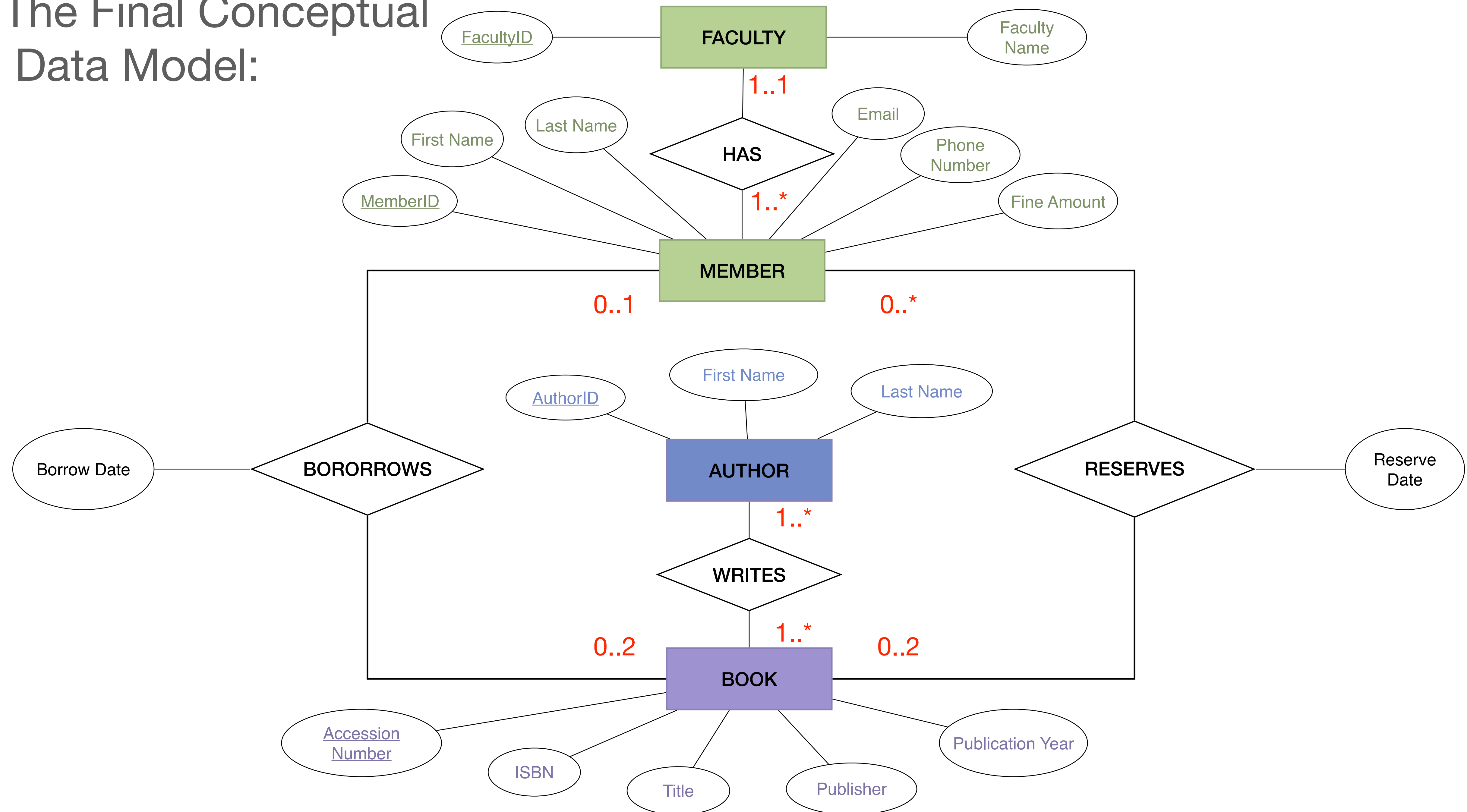


The Final Entities and Attributes:



The Final Conceptual Data Model:



The Final Logical Schema:

Member (MemberID, First Name, Last Name, Phone Number, Email, Fine Amount, **FacultyID**)

Faculty (FacultyID, Faculty Name)

Book (AccessionNumber, ISBN, Title, Publisher, Publication Year)

Authors (AuthorID, First Name, Last Name)

Borrows (**AccessionNumber**, **MemberID**, Borrow Date)

Reserves (**AccessionNumber**, **MemberID**, Reserve Date)

Writes (**AuthorID**, **AccessionNumber**)

Primary Key

Foreign Key

The Final Logical Data Model:

<p>Member (MemberID, First Name, Last Name, FacultyID, Email, Phone Number, Fine Amount)</p> <p>Primary Key MemberID</p> <p>Foreign Key FacultyID references Faculty(FacultyID))</p>	<p>Borrows (AccessionNumber, MemberID, Borrow Date)</p> <p>Primary Key AccessionNumber, MemberID</p> <p>Foreign Key AccessionNumber References Book(AccessionNumber)</p> <p>Foreign Key MemberID References Member(MemberID)</p>
<p>Book (AccessionNumber, ISBN, Title, Publisher, Publication Year)</p> <p>Primary Key AccessionNumber</p>	<p>Reserves (AccessionNumber, MemberID, Reserve Date)</p> <p>Primary Key AccessionNumber, MemberID</p> <p>Foreign Key AccessionNumber References Book(AccessionNumber)</p> <p>Foreign Key MemberID References Member(MemberID)</p>
<p>Author (AuthorID, First Name, Last Name)</p> <p>Primary Key AuthorID</p>	<p>Writes (AuthorID, AccessionNumber)</p> <p>Primary Key AuthorID, AccessionNumber</p> <p>Foreign Key AccessionNumber References Book(AccessionNumber)</p> <p>Foreign Key AuthorID References Author(AuthorID)</p>
<p>Faculty (FacultyID, Faculty Name)</p> <p>Primary Key FacultyID</p>	