(LastName, FirstName, ID, Birthdate,)   (Name, PubNumber, Address)   (ISBN, Title, Publisher)
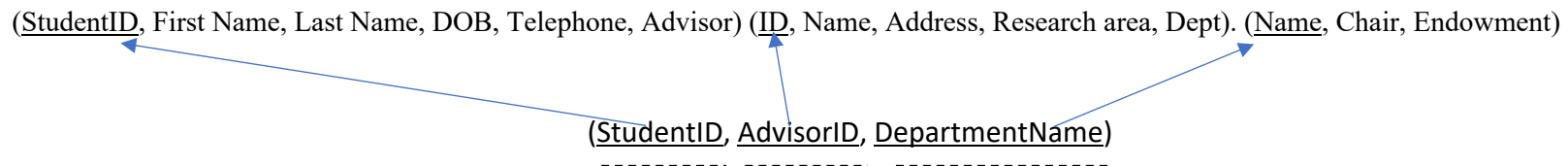
(ID, PubNumber, ISBN, Author Rank)

In this relational schema, connector table was created to connect the three different groups. Additionally, Author Rank was added to signify what position each author was in for their respective collaborative books. In the Author Schema, ID is the primary key, in the Publisher Schema, PubNumber is the primary key, and in the Book Schema ISBN is the primary key. In the connector table, these keys remain primary keys, however, ID is a foreign key that connects the Author Schema to the connector table, PubNumber is a foreign key that connects the Publisher Schema to the connector table, and ISBN is a foreign key that connect the Book Schema to the connector table.

(StudentID, First Name, Last Name, DOB, Telephone, Advisor) (ID, Name, Address, Research area, Dept). (Name, Chair, Endowment)

(StudentID, AdvisorID, DepartmentName)

A connector table was created to create connections between the different schema. In the student schema, StudentID is the primary key, in the Advisor Schema, ID is the primary key, and in the Department Schema, Name is the primary key. In the connector table, the three aforementioned primary keys are still primary keys. Additionally, StudentID is a foreign key that connects the Student Schema to the connector table, AdvisorID is the foreign ID that connects the Advisor Schema to the connector table, and DepartmentName is the foreign key that connects the Department Schema to the connector table.