# Lab 5

This business-application is meant to keep records of a publishing company and provide a user-friendly interface to alter existing and add new data. It features three models; books, authors and contact Authors and will allow the publishing company’s management to add, edit or delete records associated with these models from the database. I believe these are the primary objects a publishing company’s database could feature.

The database links the data from these models (books this company has printed, the authors they printed it for and the contact information of the authors) appropriately by means of foreign keys using relationships that apply to them. For instance, one author can get multiple books published however they can have only on entry for their contact information.

I decided to build this app because it is relevant to a real-world business problem and provides and very simple and useful solution to it. This project also showcases my ability to process data and understand what business rules apply to the data and tables in terms of the type of relationship I applied between the tables i.e., one-to-one between the author and author contact info and one-to-many between the books and author. This project also exercises the MVC pattern and makes use of the Entity framework to build databases and CURD operations associated with it which are practices being used in the industry and could potentially attract employers.