

# Database Project - Part 4 Database application

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## Assumptions

- A book will be received and picked up from the bookstore.
- A book may have multiple authors, however, only one publisher.
- A student might make multiple separate orders of books.
- Data for the student table and course load are generated separately and batch entered.
- Publisher data already generated and Publisher ID derived from ISBN.
- Employee data separate from simple login information is stored on separate database.
- The year for section is the current fall - winter period. X1 September - December current year X2 January to April Next year.
- Email address length will be less than 254 characters as per RFC 2821.
- ISBN will be ISBN-13, any ISBN-10 numbers will be converted to ISBN-13 before entry.
- ISBN will have dashes included on entry, 978-0-201-70279-7 vice 9780201702797.
- Multiple sections of the same course will require the same book.
- Once logged on admin users are trusted that invalid or harmful data will not be entered.
- Book publisher and Book author are expected to be batch loaded in at a later date based on the isbn list of held books.