```
3 #ifndef STUDENT_TO_DO_REGION
     /// Include necessary header files
     /// Hint: Include what you use, use what you include
     #include <cstddef> // size_t
 8
     #include <string>
     #include <vector>
9
19
11
     #include "Book.hpp"
12 #endif
13
14
15 // Singleton Design Pattern
16 class BookDatabase
17 {
     public:
18
       // Get a reference to the one and only instance of the database
19
        static BookDatabase & instance();
28
21
       // Locate and return a reference to a particular record
22
                                                                                  // Returns a pointer to the item in the database if
        Book * find( const std::string & isbn );
23
                                                                                  // found, nullptr otherwise
24
25
       // Queries
26
        std::size t size() const;
                                                                                  // Returns the number of items in the database
27
28
     private:
        Book Database
                               ( const std::string & filename );
29
38
31
        Book Database
                               ( const BookDatabase & ) = delete;
                                                                                  // intentionally prohibit making copies
       BookDatabase & operator=( const BookDatabase & ) = delete;
                                                                                  // intentionally prohibit copy assignments
32
33
34
       #ifndef STUDENT_TO_DO_REGION
         /// Private implementation details
35
36
         // Private helper function
37
         Book * find( const std::string & isbn, std::wector<Book>::iterator currentBook );
38
39
         // We'll look at alternatives to std::vector later
48
41
         stid::@ector<Book> _data;
42
       #endif
43 };
```

1 #pragma once