

# **COMP2411 Database Systems (Fall 2022)**

## **Group 4**

### **Library Management System**

### **Analysis Report Sample**

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## ANALYSIS REPORT

Create Time: 2022-11-05

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### Books Status Information

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**Total Number of Books: 17**

**Total Number of Books Already Borrowed: 184**

**Most Rent Book:**

- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Author]: Jane Austen [Category]: Novel [Times of Rent]: 37

**Most Rent Book Instance:**

- [Book ID]:10002 [Book ISBN]: 0-02 [Book Name]: Harry Potter and the Philosopher Stone [Author]: J.K. Rowling [Category]: Fantasy [Time of Rent]: 31 [Time of Want]: 2

**Least Rent Book:**

- [Book Name]: The Lion, the Witch and the Wardrobe [Book ISBN]: 0-05 [Author]: C.S. Lewis [Category]: Fantasy [Times of Rent]: 1

**Least Rent Book Instance:**

- [Book ID]:10005 [Book ISBN]: 0-05 [Book Name]: The Lion, the Witch and the Wardrobe [Author]: C.S. Lewis [Category]: Fantasy [Time of Rent]: 1 [Time of Want]: 10

**Most Want Book:**

- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Author]: Jane Austen [Category]: Novel [Times of Rent]: 15

**Most Want Book Instance:**

- [Book ID]:10003 [Book ISBN]: 0-03 [Book Name]: The Hobbit [Author]: J.R.R. Tolkien [Category]: Fantasy [Time of Rent]: 3 [Time of Want]: 12

### **Least Want Book**

- [Book Name]: The Chronicles of Narnia [Book ISBN]: 0-04  
[Author]: C.S. Lewis [Category]: Fantasy [Times of Want]: 0

### **Least Want Book Instance:**

- [Book ID]:10004 [Book ISBN]: 0-04 [Book Name]: The Chronicles of Narnia [Author]: C.S. Lewis [Category]: Fantasy [Time of Rent]: 5  
[Time of Want]: 0

### **Most Rent Book By Category:**

- [Book Name]: The Adventures of Tom Sawyer [Book ISBN]: 1-10  
[Category]: Story [Times of Rent]: 23
- [Book Name]: Harry Potter and the Philosopher Stone [Book ISBN]: 0-02 [Category]: Fantasy [Times of Rent]: 31
- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Category]: Novel [Times of Rent]: 37

### **Most Rent Book By Author:**

- [Book Name]: The Hobbit [Book ISBN]: 0-03 [Author]: J.R.R. Tolkien [Times of Rent]: 26
- [Book Name]: Butterball [Book ISBN]: 1-08 [Author]: Henry-Albert-Guy de Maupassant [Times of Rent]: 24
- [Book Name]: The Chronicles of Narnia [Book ISBN]: 0-04 [Author]: C.S. Lewis [Times of Rent]: 5
- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Author]: Jane Austen [Times of Rent]: 37
- [Book Name]: The Little Prince [Book ISBN]: 0-06 [Author]: Antoine de Saint [Times of Rent]: 5
- [Book Name]: Harry Potter and the Philosopher Stone [Book ISBN]: 0-02 [Author]: J.K. Rowling [Times of Rent]: 31
- [Book Name]: The Adventures of Tom Sawyer [Book ISBN]: 1-10 [Author]: Mark Twain [Times of Rent]: 23
- [Book Name]: The Adventures of Sherlock Holmes [Book ISBN]: 1-09 [Author]: Arthur Conan Doyle [Times of Rent]: 13

### **Most Want Book By Category:**

- [Book Name]: The Adventures of Tom Sawyer [Book ISBN]: 1-10 [Category]: Story [Times of Want]: 13
- [Book Name]: The Hobbit [Book ISBN]: 0-03 [Category]: Fantasy [Times of Want]: 13
- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Category]: Novel [Times of Want]: 15

**Most Want Book By Author:**

- [Book Name]: The Hobbit [Book ISBN]: 0-03 [Author]: J.R.R. Tolkien [Times of Want]: 13
- [Book Name]: Butterball [Book ISBN]: 1-08 [Author]: Henry-Albert-Guy de Maupassant [Times of Want]: 8
- [Book Name]: Pride and Prejudice [Book ISBN]: 1-07 [Author]: Jane Austen [Times of Want]: 15
- [Book Name]: The Little Prince [Book ISBN]: 0-06 [Author]: Antoine de Saint [Times of Want]: 5
- [Book Name]: Harry Potter and the Philosopher Stone [Book ISBN]: 0-02 [Author]: J.K. Rowling [Times of Want]: 2
- [Book Name]: The Lion, the Witch and the Wardrobe [Book ISBN]: 0-05 [Author]: C.S. Lewis [Times of Want]: 10
- [Book Name]: The Adventures of Tom Sawyer [Book ISBN]: 1-10 [Author]: Mark Twain [Times of Want]: 13
- [Book Name]: The Adventures of Sherlock Holmes [Book ISBN]: 1-09 [Author]: Arthur Conan Doyle [Times of Want]: 5

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End of Library Management System Analysis Report Sample

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