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| **Total Marks:** | **04** |
| **Obtained Marks:** |  |

**Software Engineering**

**Assignment # 02 Section-B**

**Last date of Submission: March 7th, 2025**

**Submitted To: Mr. Awais Nawaz**

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**Student Name: Ubaid Bin Waris**

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**Reg Number: 2212416**

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**Q.No.1: Case Study** —

A university library wants to transition to an online library management system to streamline operations and provide students and faculty easier access to resources. This system should enable users to search for books, view availability, reserve books, borrow, and return books. The library staff also needs to manage the inventory, track book reservations and loans, and issue reminders for overdue books.

**Q.No.2: Case Study**

FashionHub is a new online fashion retail platform aiming to simplify the shopping experience for customers looking for clothing, accessories, and shoes. The website needs to allow users to browse products, add items to their shopping carts, place orders, and manage their accounts. To streamline the purchasing process, FashionHub also wants to provide registered users with a faster checkout, wish-list feature, and order-tracking capability. For administrators, the system should support managing product listings, handling orders, updating stock, and processing returns.

**What to do**

You have to identify the actors, use cases from the above-mentioned scenarios and design the use case diagrams and activity diagram.

**Instructions:**

1. Due date & time for the assignment is 23th Mar 2025 till 11:55 PM.

2. You have to submit this assignment on Google Classroom

Use case diagram 1