



**INTERNATIONAL ISLAMIC UNIVERSITY, ISLAMABAD**

**DEPARTMENT OF SOFTWARE ENGINEERING**

**BUSINESS PROCESSES (SCENARIOS/MODULES)**

**MODULE: 1**

**Section: A**

**Submitted To:** Ms.Raheela Bibi  
**Course Title:** Business Process Engineering  
**Course Code:** SE-453

**BY:**

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**PROJECT TITLE:**  
**THEME PARK MANAGEMENT SYSTEM**

**DEFINITION OF MODULES**

- **Process: 01**

- Purchasing Ticket:**

1. The visitor expresses interest in purchasing ticket and its request to administration.
2. Administration receives and accepts the request.
3. Before proceeding visitor log in to the system either through a registered account or as a new visitor.
4. Upon successful log in, theme park administration verifies the visitor identity.
5. Once verified, visitor enters attraction name they want to experience otherwise process ends.
6. Upon confirming the availability of entered attraction by administration, visitor enters the number of seats otherwise visitor chooses other attraction.
7. Administration will check the available number of seats as per entered by the visitor.
8. On availability of seats, the visitor selects the payment method either through cash or by credit cash.
9. In case of cash, visitor just provides the cash and the process proceeds, payment is successful.
10. In case of credit card, administration sends the transaction details to the bank.
11. Bank receives the details and verifies the details.
12. On successful payment, system generates the ticket.
13. System displays and sent ticket to visitor.
14. Visitor receives ticket, log out and process ends.

- **Process: 02**

- Entertainment Selection:**

1. The visitor is interested to select attraction in theme park and its request to administration.
2. Administration receives and accepts the request.
3. Before proceeding visitor log in to the system either through a registered account or as a new visitor.
4. Upon successful log in, theme park administration verifies the visitor identity.
5. Once verified, visitor searches for an attraction either through name, category or location within park.
6. Attraction is selected and confirmed by visitor.

7. Administration checks for availability in theme park for selected attraction.
8. On confirm availability the system provides detailed information about selected attraction otherwise visitor chooses other attraction.
9. After that system solicit feedback from visitor about their experience.
10. Visitor gives feedback and logs out and process ends.

- **Process: 03**

- **Entertainment Updation:**

1. Staff member wants to update information of an attraction.
2. Before proceeding staff member logs in to the system either through a registered account or as a new visitor.
3. On successful log in, theme park administration verifies member's identity.
4. Once verified, staff member requests for updation.
5. The administration receives request from staff regarding updating attraction information.
6. The administration receives and reviews the request.
7. If an authorized request, the staff provides the name of attraction to update information otherwise the process ends.
8. Theme park administration confirms the availability of entered attraction.
9. On confirm availability, staff enters the new updates otherwise member chooses other attraction.
10. After thorough verification, the system receives the proposed changes and implements and updates the information.
11. After that administration sends notifications to related members regarding updation.
12. Staff member receives notifications and log out and process ends.