**Analysis Topic 2 - Assignment /**

**Chapter 2**

**System Analysis & Design & CIS-2245**

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| Date: | September 19, 2015 |
| Due Date: | September 21, 2015 |
| Assignment: | Analysis Topic 2 |
|  | Chapter 2 |
|  | Exercises #1, #2 and requested question |
| Mark: | \_\_\_\_\_\_\_\_\_\_ |

**Prepare and submit a response for the identified questions below as stated in your respective end of chapter case studies projects. In teams of two students...**

**Charlottetown and Distance Students project is The Spring Breaks 'R' Us Travel Service (review the chapter case studies section at the end of the chapter for more project details). Questions to respond to are: #1, and 2 from your text, as well as: Briefly describe some possible nonfunctional requirements for SBRU.**

1. **Who are the stakeholders for SBRU? For each type of stakeholder, what aspects of the SBRU booking system are of particular interest?**

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|  | **OPERATIONAL** | **EXECUTIVE** |
| **INTERNAL** | |  |  | | --- | --- | | **SBRU Employees** | **Updating booking, travel and resort information. Communication and management features with resort organizations / businesses.** | |  |  | |  |  | | |  |  | | --- | --- | | **Senior Management** | **System reports on financial information, booking frequencies, and other statistical/analytical data.** | |  |  | |  |  | |
| **EXTERNAL** | |  |  | | --- | --- | | **Students** | **Customer facing views of the system that display up to date advertising for resorts, pricing and availability. Also entering personal contact and payment information.** | |  |  | |  |  | | |  |  | | --- | --- | | **Resort Management** | **Access to bookings scheduled and types of rooms booked. Access for updating resort, pricing and special feature information. Also to manage payment from SBRU and damage reporting / collection.** | |  |  | |  |  | |

1. **What are the main functional requirements for the major subsystems (i.e., resort relations, student booking, accounting and finance, and social networking)?**

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| **Resort Relations** | * **Display correct resort information for customer inquires** * **Allow input for updating resort descriptions** * **Allow input for updating pricing information** * **Login system for resort businesses** * **Supply resorts with booking / scheduling data** |
| **Student Booking** | * **Login system to hold account information** * **Site navigation functionality** * **Manage student group requirements** * **Input for payment information** * **Scheduling processed bookings with resort business** |
| **Accounting and Finance** | * **Calculate full pricing for resorts chosen** * **Calculate additional fees and taxes on bookings** * **Handle deposits on resort bookings** * **Process final payment information for customers** * **Process payroll for resort businesses** * **Manage resort damage collection reports and payments** |
| **Social Networking** | * **Update submitted review information to database** * **Allow social networking access at all times** |

1. **Briefly describe some possible nonfunctional requirements for SBRU.**

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| **Resort Relations** | * **Failsafe functionality for resort bookings in the event of data loss** * **Statistical / Analytical reports** |
| **Student Booking** | * **Provide documentation or support systems for customers / students** * **Ability to process hundreds of user resort bookings within a specific timeframe** * **Process confirmation notifications on successful bookings** |
| **Accounting and Finance** | * **Secure payment transactions with industry standard methods** * **Process confirmation notifications on successful payments** |
| **Social Networking** | * **Provide review data pertaining to selected resorts** * **Listings for other resort providers not directly affiliated with SBRU** |