**INFO8000 Assignment 2** Team 5

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**Task 1**  
**Business Process: Approve Vacation Request**

 Create VP 15 team#\_workflow.vpp, and draw a workflow (UML Activity Diagram with Horizontal swimlanes) for the Business Process described above.

 Create a document: **Team#\_Workflow.docx** (orientation: landscape)

 Export the VP15 diagram and copy the workflow image to the document

 Add **Assignment 2 header** with your team # and student names.

**Task 2**

You are working with the case Spring Breaks ‘R’ Us (SBRU) Travel Service.

1. Use the event decomposition technique for each event you can identify in the description of the Student Booking subsystem.
   1. Name the event (as in who-does-what)
   2. State the type of event (trigger type)
   3. Name the resulting use case.

|  |  |  |
| --- | --- | --- |
| Event (Student Booking Subsystem) | Type | Use Case |
| 1. Several weeks before the holiday weekend. | Temporal | System allows new bookings. |
| 1. Student/Group browse resorts through SBRU website for booking. | External | Display various resorts available in SBRU System. |
| 1. Student/Groups check resort details. | External | Displays resorts details like address, types of rooms available and its price. |
| 1. Student/Group book a room in resort. | External | Student / Group of students block a room in the resort. |
| 1. Add/Remove students or change group size. | External | Add new student to the group or remove student in the group which cause change in group size. |
| 1. Change room type. | External | Change the type of room. |
| 1. One month before trip. | Temporal | System sends final payments notifications to student / group. |
| 1. Students cancel booking. | External | Cancel booking. |
| 1. Student/group check booking status. | External | Displays the details of trip and booking confirmation and room type and payment details. |
| 1. Student final payment to trip. | External | Students make payments to SBRU. |
| 1. Update the booking status. | State | Check the payments made by students and update the booking status with payment information and confirm the rooms in resort. |
| 1. Students Check-in/Check-out resort. | External | Update the system with Check in time and check out time of resort. |

![A picture containing diagram

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![Diagram

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**Task 2**

1. Consider the new *Social Networking* subsystem that SBRU is researching. Think in terms of the **user goal technique** to identify as many use cases as you can think of that you would like to have in the system. SBRU is guessing you might want to join, send messages, and so forth, but there must be many interesting and useful things the system could do before, during, and after the trip.

 Modify team#\_ucd.vpp, and draw a use case diagram for these use cases.

 Create a document: **Team#\_UseCases.docx**

 Export the VP15 diagrams and copy the images to the document

 Add **Assignment 2 header** with your team # and student names

**Use cases For Social Networking Subsystem:**

1. Create a personal account (join).
2. Add preferred destinations and interests.
3. Search people or group in the Social Network of SBRU.
4. Join in a group.
5. Create a group account and become admin to group.
6. Invite friends to group.
7. Allow new members to invite other people into group.
8. Communicate / chat with group members or other people privately.
9. Group member can chat privately and with entire group.
10. User can post the photos, videos into their account or in group.
11. User can tag, like, comment posts in group.
12. User can write reviews about their vacation and experience with SBRU.
13. User can provide feedback / suggestions to SBRU.

![Diagram

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