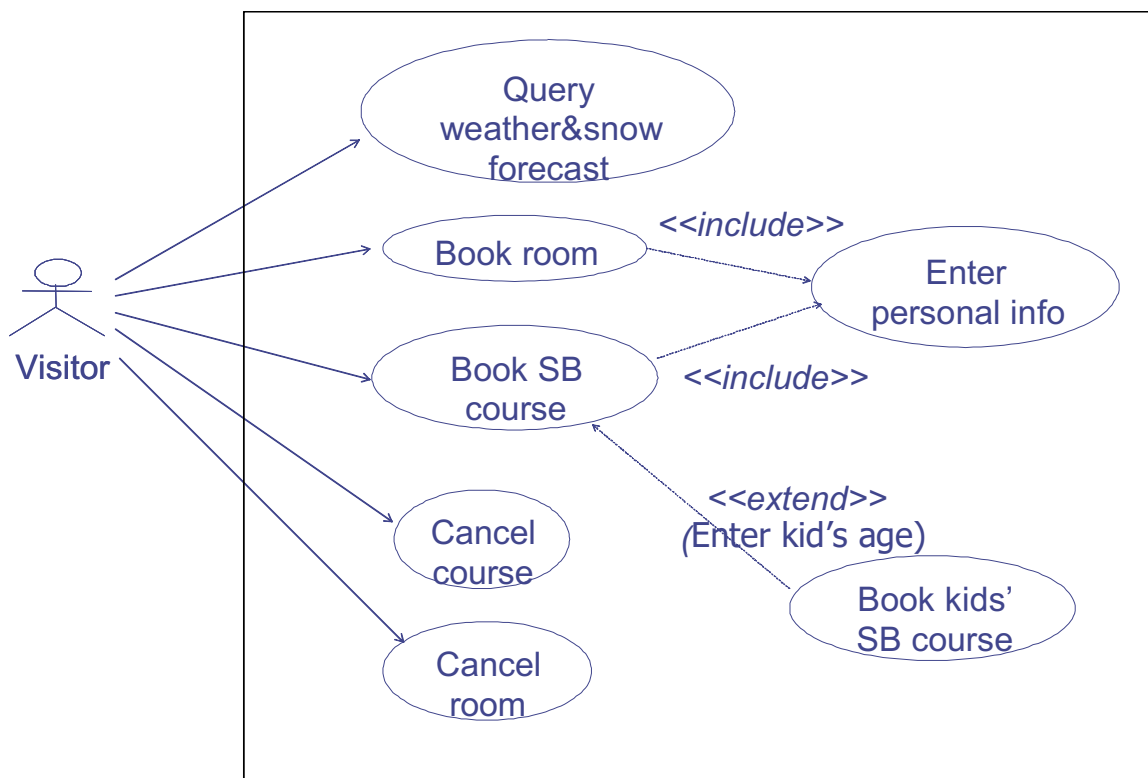


Ski Resort Information System Use Case Model

The customer for the Ski Resort Information System had initially stated the following needs informally through an email communication to the developers:

1. Users should be able to query weather and snow condition forecasts for a date they enter.
2. The system should allow the user to book single or double rooms at the resort hotel "Skier's Luck" online (with credit card).
3. Visitors should be able to book one-day beginners courses on snowboards.
4. There is only one course a day.
5. The max. size of a course is 8 persons.
6. The resort offers special courses for kids. In order to build courses with kids of same age, the customer has to enter the kid's age.
7. Cancelling of course or room bookings are only possible up to 10 days ahead.

Possible Use Case Model for Ski Resort Information System



USE CASE 1	Query weather and snow forecast	
Goal in Context	User will need to know the weather and snow forecast before making a booking.	
Scope & Level	A Ski Resort Information system	
Preconditions	Visitor has access to Ski Resort system's weather forecast queries	
Success End Condition	Weather & snow forecast for local region is displayed for specified date	
Failed End Condition	No information is displayed	
Primary, Secondary Actors	Primary actor: Visitor	
Trigger	User requests weather & snow forecast	
DESCRIPTION	Step	Action
	1	The visitor chooses the Weather & snow forecast option
	2	The visitor enters date
	3	The system checks for the weather & snow forecast for the specified date
	4	The system display weather & snow forecast for local region the specified date
EXTENSIONS		N/A
SUB-VARIATIONS		Visitor may phone in to query weather & snow forecast

USE CASE 2	Book Snow Board (SB) course	
Goal in Context	Visitors should be able to book one-day beginners course on snowboards	
Scope & Level	A Ski Resort Information system	
Preconditions	Visitor is booked in the ski resort	
Success End Condition	Visitor is presented with a booking receipt	
Failed End Condition	Alternative booking date is offered if one is available	
Primary, Secondary Actors	Primary user: Visitor	
Trigger	Visitor requests SB course	
DESCRIPTION	Step	Action
	1	The visitor enters date
	2	The system checks for vacancies on the requested date
	3	The system stores reservation
	4	The system confirms reservation to Visitor
EXTENSIONS	Step	Branching Action
	2a	Visitor required to submission personal information 2a1. Enter Personal Info
	4a	Visitor book kid's snowboard course 4a1. Book Kids SB Course
SUB-VARIATIONS		Branching Action
	1	None

USE CASE 3	Book kids' SB course	
Goal in Context	Book a one day SB course for children	
Scope & Level		
Preconditions	Child's age is less than 12 years.	
Success End Condition	Visitor is presented with a booking receipt	
Failed End Condition	Alternative booking date is offered if one is available	
Primary, Secondary Actors	Visitor	
Trigger	Visitor requests SB course	
DESCRIPTION	Step	Action
	1	The visitor enter kid's age
	2	The system stores reservation
	3	The system confirms reservation to visitor
EXTENSIONS	Step	N/A
SUB-VARIATIONS		Branching Action
	1	None