1. Types of events:

|  |  |
| --- | --- |
| Event | Type |
| The user enters his/her personal information. | External |
| The sales department checks if the ordered products are still available. | State |
| The sales department withdraws the product price from the customer credit card. | State |

1. Events with Use cases:

|  |  |  |
| --- | --- | --- |
| Event | Type | Use case |
| The user enters his/her personal information. | External | Adding personal information |
| The sales department checks if the ordered products are still available. | State | Checking products availability |
| The sales department withdraws the product price from the customer credit card. | State | Withdrawing product price |

1. Use case description:

|  |  |  |
| --- | --- | --- |
| Use case | Actor | Description |
| Adding personal information | Customer | Customer/User/Actor adding his/her personal information and the system then creating a new account for that Customer/User/Actor. |
| Checking products availability | Sales Dep. | After Customer/User/Actor choose the products (Aspects of the package) his/her wants to buy/book and after system validation of fully and correctly data entered by customer, system then makes double-check for availability. |
| Withdrawing product price | Sales Dep. | After system validation for entered data and availability, and the validation of credit card information, finally system withdrawing the total price from the customer credit card. |

1. Matrix use cases and domain classes:

|  |  |  |
| --- | --- | --- |
| Use case  Vs.  Domain class | Customer | Sales Department |
| Adding personal information | C |  |
| Checking products availability |  | R |
| Withdrawing product price |  | U |