## Business Model

In this section we have try to show the activities in each department and sub department of the library performed. We are trying to show it using the business use cases and the corresponding activity diagram.

**Table Business use case Models**

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| **Use case Id:** | **BUC-01** | |
| Use Case Name: | Give information | |
| Description | In this use case travel agency and system will give information for the tourist or for any visitor. | |
| Priority | High | |
| Actors: | Primary Actors:   * Travel agency | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists or the visitors want information. | |
| Flow of Events: | 1. Tourists, Travel guidance login to the system. 2. Tourists or visitors ask what they want. 3. Tourists or visitors get what they want. | |
| Post condition: | The travel agency or the system should provide the required information what tourist or visitors want. | |
| Alternate Flow: | None | |
| Exceptions: | There is no exception to give information other that the authorized body’s. | |
| Information Requirements: | * Distance(Km) * Reservation * Region * Trip type(by plane, by car) * Cost * Path * Specific property that region * Season | |
| Assumptions: | All information providers are authorized. | |
| Notes and Issues: | None | |
| Activity Diagram: |  | |

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| **Use case Id:** | **BUC-02** | |
| Use Case Name: | ask information | |
| Description | In this use case the tourist, can ask information for the travel agency, the system. | |
| Priority | High | |
| Actors: | Primary Actors:   * tourist * Travel agency | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists or the visitors want information. | |
| Flow of Events: | 1. Tourists, Travel guidance login to the system.  2. Tourists or visitors ask what they want. | |
| Post condition: | Tourists or visitors get the information what they want. | |
| Alternate Flow: | None | |
| Exceptions: | None | |
| Information Requirements: | * Distance(Km) * Reservation * Region * Trip type(by plane, by car) * Cost * Path * Specific property that region * Season | |
| Assumptions: | All information providers are authorized. | |
| Notes and Issues: | When we are saying tourist or visitor it includes inland person, Diaspora, foreigner members. | |
| Activity Diagram: |  | |

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| **Use case Id:** | **BUC-03** | |
| Use Case Name: | Provide travel service | |
| Description | In this use case the tourist, the tourist should get travel service. | |
| Priority | High | |
| Actors: | Primary Actors:   * Travel agency | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists available. | |
| Flow of Events: | 1. Tourists, give information where he/she want to travel.  2. Tourists or visitors can get the service what they want. | |
| Post condition: | Tourists or visitors should get the services he/she needs. | |
| Alternate Flow: | None | |
| Exceptions: | No exception provides travel service, as long as the tourist agrees on the cost, asked by the travel agency. | |
| Information Requirements: | * Reservation * Trip type(by plane, by car) * Cost * Season | |
| Assumptions: | All service providers are authorized. | |
| Notes and Issues: | None | |
| Activity Diagram: |  | |

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| **Use case Id:** | **BUC-04** | |
| Use Case Name: | Provide travel service | |
| Description | In this use case the tourist, the tourist should get travel service. | |
| Priority | High | |
| Actors: | Primary Actors:   * Travel agency | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists available. | |
| Flow of Events: | 1. Tourists, give information where he/she want to travel.  2. Tourists or visitors can get the service what they want. | |
| Post condition: | Tourists or visitors should get the services he/she needs. | |
| Alternate Flow: | None | |
| Exceptions: | No exception provides travel service, as long as the tourist agrees on the cost, asked by the travel agency. | |
| Information Requirements: | * Reservation * Trip type(by plane, by car) * Cost * Season | |
| Assumptions: | All service providers are authorized. | |
| Notes and Issues: | None | |
| Activity Diagram: |  | |

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| **Use case Id:** | **BUC-05** | |
| Use Case Name: | Reservation arrangement | |
| Description | In this use case the tourist, can make reservation arrangement. | |
| Priority | High | |
| Actors: | Primary Actors:   * Travel agency * Tourist | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists should be available. | |
| Flow of Events: | 1. Tourists, give information where he/she want to travel.  2. Tourists or visitors can get or make the reservation. | |
| Post condition: | Tourists or visitors should get the services he/she needs. | |
| Alternate Flow: | None | |
| Exceptions: | No exception Reservation arrangement, as long as the tourist agrees on the cost, requirement. | |
| Information Requirements: | * Region * Cost * Season | |
| Assumptions: | All service providers are authorized. | |
| Notes and Issues: | None | |
| Activity Diagram: |  | |

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| **Use case Id:** | **BUC-06** | |
| Use Case Name: | get information | |
| Description | In this use case the tourist, can get information from the travel agency, or the system. | |
| Priority | High | |
| Actors: | Primary Actors:   * tourist * Travel agency * System | |
| Preconditions: | Travel agencies should be authorized. | |
| Basic course of action | User action | System response |
| Triggers: | * Whenever the tourists or the visitors want information. | |
| Flow of Events: | 1. Tourists, Travel guidance login to the system.  2. Tourists or visitors ask what they want. | |
| Post condition: | Tourists or visitors get the information what they want. | |
| Alternate Flow: | None | |
| Exceptions: | None | |
| Information Requirements: | * Distance(Km) * Reservation * Region * Trip type(by plane, by car) * Cost * Path * Specific property that region * Season | |
| Assumptions: | All information providers are authorized. | |
| Notes and Issues: | When we are saying tourist or visitor it includes inland person, Diaspora, foreigner members. | |
| Activity Diagram: |  | |