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| Use Case Name: | Request Data from Opera | |
| Scenario: | System admin request data from Opera | |
| Triggering Event: | Request Data from Opera | |
| Brief Description: | To get started, system admin needs data from opera | |
| Actor: | System Admin | |
| Stakeholder: | System admins requests for data in Opera | |
| Related Used Case: | None | |
| Pre-Condition: | System admin should be able to request data from opera | |
| Post Condition: | System admin receives data from opera | |
| Flow of Activities: | Actors:   1. System Admin requests for data from Opera 2. System Admin receives data needed | 1.1 Opera Admin validates user |
| Exception Condition: | If System admin request for data is denied he/she asks it from the employee | |

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| Use Case Name: | Analyze Collected Data | |
| Scenario: | Once has a copy, system admin analyzes collected data | |
| Triggering Event: | Analyze Collected Data | |
| Brief Description: | System admin will analyze collected data | |
| Actor: | System Admin | |
| Stakeholder: | System admins checks if the data acquired is the data needed | |
| Related Used Case: | None | |
| Pre-Condition: | Should have data collected for this to go on | |
| Post Condition: | Employee collects surveys | |
| Flow of Activities: | Actors:   1. Customers fill-up survey forms 2. Customer gives it to the front desk after filling up | * 1. Employee collects all survey forms.   2. Record surveys |
| Exception Condition: | If survey forms are blank then don’t include it when collecting | |

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| Use Case Name: | Start Prediction |
| Scenario: | Employee |
| Triggering Event: | Confirm Room Book |
| Brief Description: | Front Desk will confirm to the admins if a room has been booked by the customer |
| Actor: | Front Desk, Customer |
| Stakeholder: | Front Desk will either let customer check-in or not |
| Related Used Case: | Check-in, Confirm Room Book |
| Pre-Condition: | Customer either books using internet or telephone to get a room |
| Post Condition: | Front Desk clarifies if there’s really room booked or non |

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| Use Case Name: | Store Trend Data |
| Scenario: | Front Desk will tell admin that the room is no longer occupied |
| Triggering Event: | Confirm Check-out |
| Brief Description: | Front Desk updates the admin that the room is no longer occupied |
| Actor: | Front Desk, Admin |
| Stakeholder: | Front Desk confirms the date of end day booked of the room |
| Related Used Case: | Confirm Room Book |
| Pre-Condition: | Customer should have a room and also ask for a check-out |
| Post Condition: | Customer are able to leave the hotel |

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| Use Case Name: | Store History Data |
| Scenario: | Entertain telephone calls and customer question |
| Triggering Event: | Manage Call/Walk-ins |
| Brief Description: | Front Desk will entertain telephone calls and people questions |
| Actor: | Front Desk, Customer |
| Stakeholder: | Front Desk fills the registration for the customer (telephone) then update admin |
| Related Used Case: | None |
| Pre-Condition: | Customer visit Hotel and go front desk or customer calls Hotel |
| Post Condition: | If there’s room available; customer gets a room if not opposite applies. |

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| Use Case Name: | Analyze Collected Data |
| Scenario: | Front Desk provides customer blank survey form |
| Triggering Event: | Blank Form |
| Brief Description: | Front Desk gives customer a blank survey form, for customer to answer. |
| Actor: | Customer, Front Desk |
| Stakeholder: | Front Desk provides customer a blank form so the customer can provide feedback |
| Related Used Case: | Check-out, Check-in |
| Pre-Condition: | Customer has a room to check-out |
| Post Condition: | Customer gets a blank survey form |

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| Use Case Name: | Manage Users |
| Scenario: | The Front Desk confirms if the guest has book a room or have checked out |
| Triggering Event: | Update Room |
| Brief Description: | The admin checks the front desk reports whether guest book a room or checked out |
| Actor: | Admin, front Desk |
| Stakeholder: | The reports of the admin will be passed on the front to update whether how many rooms are vacant or occupied |
| Related Used Case: | Confirms guest have booked or/and check-out |
| Pre-Condition: | The Front Desk informs that the guests have check-in or out |
| Post Condition: | The Admins will determine if there’s still room for guests. |

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| Use Case Name: | Get Reports |
| Scenario: | The answered survey form will be collected and tallied the feedback of the customers |
| Triggering Event: | Manage Survey |
| Brief Description: | employee will deliver the answered survey form to admin |
| Actor: | Front Desk, Admin |
| Stakeholder: | Front Desk gives the survey form to the admin/manager to tally the results |
| Related Used Case: | Answer Survey |
| Pre-Condition: | Forms should be filled up by the customer that has checked out of the hotel |
| Post Condition: | Answered Survey form are transferred to the admins for tallying |