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| --- | --- | --- | --- |
| Use Case ID: | 1 | | |
| Use Case Name: | Quotation | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

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| --- | --- |
| Actors: | Commerce company |
| Description: | Get the quotation for a shipment |
| Trigger: | Commerce company |
| Preconditions: | 1. At least one partner should be registered |
| Postconditions: | 1. Return List of quotations sorted on Price or ETA |
| Normal Flow: | 1. Request for all the available routes. 2. Map all the routes with aggregated price and ETA |
| Alternative Flows: | 1. No route found 2. Return message for no service available |
| Exceptions: |  |
| Includes: | Use-case 5 : Route Information |

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| --- | --- | --- | --- |
| Use Case ID: | 2 | | |
| Use Case Name: | Order Placement | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

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| --- | --- |
| Actors: | Commerce company |
| Description: | Place an order for an quoatation |
| Trigger: | Commerce company |
| Preconditions: | 1. Should have a valid quatation |
| Postconditions: | 1. Return an order conformation |
| Normal Flow: | 1. Generate ordered 2. Send confirmation 3. Inform related Partner/s 4. Raise request for order documents and invoice creation |
| Alternative Flows: | 1. Invalid quotation 2. Return error message |
| Exceptions: |  |
| Includes: |  |

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| --- | --- | --- | --- |
| Use Case ID: | 3 | | |
| Use Case Name: | Register Partner | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

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| --- | --- |
| Actors: | Partner |
| Description: | Registration of a partner |
| Trigger: | Partner |
| Preconditions: |  |
| Postconditions: | 1. Return Partner ID |
| Normal Flow: | 1. Validate Partner information(Company Registration) 2. Update all partner hub details and resources 3. Generate partner ID |
| Alternative Flows: | 1. Partner Validation fails 2. Return error message |
| Exceptions: |  |
| Includes: |  |

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| --- | --- | --- | --- |
| Use Case ID: | 4 | | |
| Use Case Name: | Update/Delete Partner | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

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| --- | --- |
| Actors: | Partner |
| Description: | Update partner |
| Trigger: | Partner |
| Preconditions: | 1. Already registered partner |
| Postconditions: | 1. Retun success status |
| Normal Flow: | 1. Validate relational and business constraints 2. Update Details |
| Alternative Flows: | 1. Constraints fails 2. Return Error Message |
| Exceptions: |  |
| Includes: |  |

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| --- | --- | --- | --- |
| Use Case ID: | 5 | | |
| Use Case Name: | Route Information | | |
| Created By: |  | Last Updated By: |  |
| Date Created: |  | Date Last Updated: |  |

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| --- | --- |
| Actors: | Use-Case 1 |
| Description: | Update partner |
| Trigger: | Use-Case 1 |
| Preconditions: | 1. Atleast two hubs exists |
| Postconditions: | 1. Return list of all the path from source to destination |
| Normal Flow: | 1. Generate all the paths |
| Alternative Flows: | 1. No Path between source and destination 2. Return Error Message |
| Exceptions: |  |
| Includes: |  |