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| Title | Textual description of the use case Make Order |
| Description | This use case allows the actor, **Client**, to use a web browser to enter their address, select a merchant, specify a desired item, and obtain a confirmed order from the system. |
| Actor(s) | Client |
| Date | September 10, 2024 |
| Stakeholder | Gas Space Directors. |
| Version | 1.0 |
| Precondition | Client visits welcome web page wanting to make an order. |
| Trigger | Client clicks on “Search here” button. |
| Nominal Scenario | |
| 1. The client enters the valid website URL. | |
| 1. The system displays the Welcome Page with a form (Delivery Address). | |
| 1. The client enters the delivery address and submits by clicking the "Search here" button. | |
| 1. The system displays a page listing available merchants (suppliers). | |
| 1. The client browses and selects a merchant (supplier) from the page of merchants. | |
| 1. The system displays the selected merchant's (supplier's) business page with stock items. | |
| 1. The client browses and selects a stock item from the merchant's (supplier's) business page. | |
| 1. The client reviews the stock item and clicks a button (Add to Cart or Cancel). | |
| 1. The system verifies the type of button clicked. | |
| 1. If "Add to Cart" was clicked, the system redisplays the merchant’s business page with a "Checkout" button. | |
| 1. The client clicks the "Checkout" button. | |
| 1. The system displays the checkout page with the "Place Order" button. | |
| 1. The client confirms order information and clicks the "Place Order" button. | |
| 1. The system sends a "Create Order" query to the database. | |
| 1. The database executes the query and returns the results. | |
| 1. The system verifies and processes the results. | |
| 1. The system displays a success message to the client. | |
| Alternative Scenarios: | |
| 1. At step 9 of the nominal scenario, the client clicks the "Cancel" button. 2. The system redisplays the merchant's (supplier's) business page and continues from step 7 of the nominal scenario. | |
| 1. At step 9 of the nominal scenario, the database returns an error after processing or treating the query. | |
| 1. The system displays an error message and returns to step 13 of the nominal scenario for the client to attempt to place the order again. | |
| Post Condition of Success | The client successfully places an order. |
| Post Condition of Failure | The client fails to place an order. |

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| Title | Textual description of the use case Submit Driver License Application |
| Description | This use case allows the actor, Delivery Person, to use a web browser to browse, select an image, and successfully submit their Driver License application. |
| Actor(s) | Delivery Person |
| Date | September 11, 2024 |
| Stakeholder | Gas Space Directors. |
| Version | 1.0 |
| Precondition | The delivery person has not submitted their Driver License application. |
| Trigger | The delivery person clicks or selects the "Driver License" option. |
| Nominal Scenario | |
| 1. The delivery person selects the "Driver License" option. | |
| 1. The system displays an image upload form. | |
| 1. The delivery person browses for and selects a picture, then submits it. | |
| 1. The system verifies the submission. | |
| 1. The system sends a "Save image" query to the database. | |
| 1. The database executes the query and returns the result. | |
| 1. The system verifies and processes the result. | |
| 1. The system displays a success message to the delivery person. | |
| Alternative Scenarios: | |
| 1. At step 9 of the nominal scenario, the delivery person submits an empty form. | |
| 1. The system displays an error message and returns to step 3 of the nominal scenario. | |
| 1. At step 9 of the nominal scenario, the database returns an error after processing or treating the query. | |
| 1. The system displays an error message and returns to step 3 of the nominal scenario. | |
| Post Condition of Success | The delivery person has successfully submitted their Driver License application. |
| Post Condition of Failure | The delivery person has not submitted their Driver License application. |

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| Title | Textual description of a Use case Login | |
| Description | | This use case allows any service provider with an existing account to log in to the system using their credentials. |
| Actors | | Service Provider |
| Date | | September 11, 2024 |
| Stakeholder | | Gas Space Directors |
| Version | | 1.0 |
| Precondition | | The actor has an account in the system |
| Trigger | | The actor clicks on the Login button |
| Nominal Scenario | | |
| 1. The use case starts when the actor clicks on the "Login" button. | | |
| 1. The system displays the login page. | | |
| 1. The system prompts for the actor’s credentials (Email and Password). | | |
| 1. The actor fills in the fields with their credentials. | | |
| 1. The system queries the actor’s (email-related) data from the database. | | |
| 1. The database sends the query results. | | |
| 1. The system verifies the actor’s credentials against the query results. | | |
| 1. The system displays the actor’s dashboard. | | |
| 1. The use case ends when the service provider gains access to the dashboard. | | |
| Alternative Scenario: Verification Failure | | |
| 1. At step 7 of the nominal scenario the system fails to verify the actor’s specified credentials. | | |
| 1. The system displays an error message indicating the issue. | | |
| 1. The use case continues at step 2 of the nominal scenario. | | |
| Post Condition of Success | | The Service provider gains access to Personal dashboard |
| Post Condition of Failure | | Service provider unable to access dashboard |

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| Title | Textual description of the use case Submit Business License Application |
| Description | This use case allows the actor, Delivery Person, to use a web browser to browse, select an image, and successfully submit their Driver License application. |
| Actor(s) | Supplier |
| Date | September 11, 2024 |
| Stakeholder | Gas Space Directors. |
| Version | 1.0 |
| Precondition | The supplier has not submitted their Business License application. |
| Trigger | The supplier clicks or selects the " Business License" option. |
| Nominal Scenario | |
| 1. The supplier selects the " Business License " option. | |
| 1. The system displays an image upload form. | |
| 1. The supplier browses for and selects a picture, then submits it. | |
| 1. The system verifies the submission. | |
| 1. The system sends a "Save image" query to the database. | |
| 1. The database executes the query and returns the result. | |
| 1. The system verifies and processes the result. | |
| 1. The system displays a success message to the supplier. | |
| Alternative Scenarios: | |
| 1. At step 9 of the nominal scenario, the supplier submits an empty form. | |
| 1. The system displays an error message and returns to step 3 of the nominal scenario. | |
| 1. At step 9 of the nominal scenario, the database returns an error after processing or treating the query. | |
| 1. The system displays an error message and returns to step 3 of the nominal scenario. | |
| Post Condition of Success | The supplier has successfully submitted their Business License application. |
| Post Condition of Failure | The supplier has not submitted their Business License application. |