



KurbSide - Use Case Descriptions - Iteration 3

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| **Use Case #** | UC01 | |
| **Use Case Name** | View Home Page | |
| **Scenario** | The User visiting the KurbSide website will be brought to the home page. | |
| **Triggering Event** | A User wanting to visit the KurbSide website. | |
| **Brief Description** | When somebody first visits the KurbSide website they will be brought to this webpage, from here they can navigate anywhere else. | |
| **Actors** | Business, Member, Visitor | |
| **Related Use Cases** | None | |
| **Stakeholders** | Business, Member, Visitor | |
| **Pre Conditions** | None | |
| **Post Conditions** | 1. The User will be viewing the home page. | |
| **Flow Of Events** | Actor:  1. The user navigates to the KurbSide website. | System:  1.1 System displays the KurbSide homepage to the user. |
| **Exception Conditions** | 1a. The web server is offline. | |

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| **Use Case #** | UC02 | |
| **Use Case Name** | View Privacy Policy | |
| **Scenario** | The User wants to visit the KurbSide privacy policy. | |
| **Triggering Event** | The User clicks on the privacy policy link in the footer. | |
| **Brief Description** | A User wants to view the privacy policy they click the link at the bottom of any page to view the privacy policy. | |
| **Actors** | Business, Member, Visitor | |
| **Related Use Cases** | None | |
| **Stakeholders** | Business, Member, Visitor | |
| **Pre Conditions** | None | |
| **Post Conditions** | 1. The User will be viewing the privacy policy page. | |
| **Flow Of Events** | Actor: Visitor  1. The User clicks on the privacy policy link. | System:  1.1 The system displays the privacy policy. |
| **Exception Conditions** | 1a. The web server is offline. | |

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| **Use Case #** | UC03 | |
| **Use Case Name** | Register as Business | |
| **Scenario** | A Visitor wants to register their business. | |
| **Triggering Event** | The Visitor clicks the “register as business” button. | |
| **Brief Description** | Allows a Visitor to register their business to the website, allowing them to add their catalogue to the website. | |
| **Actors** | Visitor | |
| **Related Use Cases** | UC04 - Register as Member  UC05 - Login  UC06 - Logout  UC07 - Change Password  UC08 - Forgot Password | |
| **Stakeholders** | Business, Visitor | |
| **Pre Conditions** | 1. The Visitor must have a valid business to register.  2. The Business can not already be registered. | |
| **Post Conditions** | 1. The Visitors business account will be created.  2. The Visitor will be logged in to their business account. | |
| **Flow Of Events** | Actor:  1. The Visitor clicks the “register as business” button on the home page.  2. The Visitor adds their information and clicks the register button. | System:  1.1 System displays the registration page.  2.1 System confirms the business information. |
| **Exception Conditions** | 2a. Email already in use.  2b. Business Identification Number already in use.  2c. The business can not be validated. | |

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| **Use Case #** | UC04 | |
| **Use Case Name** | Register as Member | |
| **Scenario** | A Visitor wants to register for an account. | |
| **Triggering Event** | The Visitor clicks the “register” button. | |
| **Brief Description** | The Visitor will be able to create an account and be able to purchase things from the KurbSide website. | |
| **Actors** | Visitor | |
| **Related Use Cases** | UC03 - Register as Business  UC04 - Register as Member  UC05 - Login  UC06 - Logout  UC07 - Change Password  UC08 - Forgot Password | |
| **Stakeholders** | Member, Visitor | |
| **Pre Conditions** | 1. The email address entered by the Visitor can not already be in use. | |
| **Post Conditions** | 1. The Visitors account will be created.  2. The Visitor will be logged into their Member account. | |
| **Flow Of Events** | Actor:  1. The Visitor clicks the “register” button.  2. The Visitor enters their registration information and clicks the “register” button. | System:  1.1 System brings up the registration page.  2.1 System adds their account to the database.  2.2 System logs the Member into their account.  2.3 System brings the Member to the home page. |
| **Exception Conditions** | 2a. The email is already in use. | |

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| **Use Case #** | UC05 | |
| **Use Case Name** | Login | |
| **Scenario** | The Business or Member logs into the KurbSide website. | |
| **Triggering Event** | The Business or Member logs into their account. | |
| **Brief Description** | The Business or Member wants to log into their account. Once they have done this they can perform a variety of other actions. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC03 - Register as Business  UC04 - Register as Member  UC06 - Logout  UC07 - Change Password  UC08 - Forgot Password  UC13 (Login Via Recovery Code) | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member has an existing account. | |
| **Post Conditions** | 1. The Business or Member is logged in to their account. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the login button.  2. The user enters their login credentials. | System:  1.1 System displays the login page.  2.1 System validates the credentials.  2.2 If valid the system creates a login token.  2.3 The Business or Member is brought to the home page. |
| **Exception Conditions** | 2a. The Business or Member enters the wrong credentials.  2b. The Business or Member is locked out of their account. | |

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| **Use Case #** | UC06 | |
| **Use Case Name** | Logout | |
| **Scenario** | The Business or Member wants to log out of their account | |
| **Triggering Event** | The Business or Member clicks the logout button | |
| **Brief Description** | The Business or Member wants to be logged out of their account, upon logging out their session will be destroyed and they will be required to enter their email and password again. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC03 - Register as Business  UC04 - Register as Member  UC05 - Login  UC07 - Change Password  UC08 - Forgot Password | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must be logged into their account. | |
| **Post Conditions** | 1. The session is terminated and the Business or Member is logged out of their account. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “logout” button. | System:  1.1 System logs the Business or Member out of their account, terminating their session. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC07 | |
| **Use Case Name** | Change Password | |
| **Scenario** | The Business or Member wishes to change their password | |
| **Triggering Event** | The Business or Member clicks the “change password” button on their profile. | |
| **Brief Description** | The Business or Member would like to change their password. Once they have verified their old password and new password it will be changed. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC03 - Register as Business  UC04 - Register as Member  UC05 - Login  UC06 - Logout  UC08 - Forgot Password  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must be logged in. | |
| **Post Conditions** | 1. The Business or Members password is changed on their account. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “change password” button in their account settings.  2. The user then enters their old password, new password, confirms new password and then presses the “change password button”. | System:  1.1 System brings the Business or Member to the change password page.  2.1 If the password is valid the system changes the Business or Members password to the newly entered one. |
| **Exception Conditions** | 2a. If the Business or Member fails to confirm their old password.  2b. If the Business or Member does not enter their new password correctly twice they have made a typo. | |

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| **Use Case #** | UC08 | |
| **Use Case Name** | Forgot Password | |
| **Scenario** | The Business or Member has forgotten their password and needs to reset it. | |
| **Triggering Event** | The Business or Member clicks the “forgot your password” button on the login page. | |
| **Brief Description** | The Business or Member has forgotten their password and needs to reset it to log in to their account. Upon entering their email address they will receive an email with instructions on how to reset their password. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC03 - Register as Business  UC04 - Register as Member  UC05 - Login  UC06 - Logout  UC07 - Change Password | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have access to their email. | |
| **Post Conditions** | 1. The Business or Members password is changed after following the instructions in the email. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “forgot your password” button on the login page.  2. The Business or Member enters their email and clicks “send email”.  3. The Business or Member clicks the link in their external email service.  4. The Business or Member enters their new password, confirms their new password then presses the “change password” button. | System:  1.1 System displays the forgot password page.  2.1 System sends an email with password reset instructions.  3.1 System displays the reset password page.  4.1 System saves the Business or Members password. |
| **Exception Conditions** | 2a. No account associated with the entered email.  2b. The mailing system is down.  4a. The passwords do not match. | |

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| **Use Case #** | UC09 | |
| **Use Case Name** | Enable Two Factor Authentication (2FA) | |
| **Scenario** | The Business or Member would like to enable 2FA on their account. | |
| **Triggering Event** | The Business or Member clicks the “enable 2FA” button on the account settings page. | |
| **Brief Description** | The Business or Member would like to enable 2FA for an extra layer of security when logging into their account. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC10 - Disable 2FA  UC11 - Add Authenticator  UC12 - Reset Authenticator  UC13 - Login Via Recovery Code  UC14 - Reset Recovery Codes  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have access to a mobile device.  3. The Business or Member does not already have 2FA enabled. | |
| **Post Conditions** | 1. Two-factor authentication will be enabled. Logging in will require both the password and mobile device used when setting up the authenticator. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “enable 2FA” button on their account settings page.  2. The Business or Member scans or enters the code into their authenticator app of choice.  3. The Business or Member will then be displayed a code that they must enter in a form on the website. | System:  1.1 System displays a QR code or a written code for use when generating an authenticator.  3.1 If the code entered is valid the 2FA method is added to the Business or Members account. |
| **Exception Conditions** | 3a. The Business or Member enters an invalid or incorrect code and must retry. | |

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| **Use Case #** | UC10 | |
| **Use Case Name** | Disable Two Factor Authentication (2FA) | |
| **Scenario** | The Business or Member would like to disable two-factor authentication on their account. | |
| **Triggering Event** | The Business or Member clicks the “disable 2FA” button on their account settings page. | |
| **Brief Description** | The Business or Member would like to disable two-factor authentication on their account. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC09 - Enable Two Factor Authentication (2FA)  UC11 - Add Authenticator  UC12 - Reset Authenticator  UC13 - Login Via Recovery Code  UC14 - Reset Recovery Codes  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have 2FA enabled. | |
| **Post Conditions** | 1. The Business or Member will no longer have 2FA on their account. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “disable 2FA” button on their account settings page.  2. The Business or Member confirms they want to remove 2FA from their account. | System:  1.1 System will display a confirmation page to the Business or Member explaining what they are about to do.  2.1 System removes the 2FA from the Business or Members account. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC11 | |
| **Use Case Name** | Add Authenticator | |
| **Scenario** | The Business or Member would like to enable 2FA on their account by adding a mobile authenticator. | |
| **Triggering Event** | The Business or Member clicks the “enable 2FA” button on their account settings page. | |
| **Brief Description** | The Business or Member would like to enable 2FA for an extra layer of security when logging into their account. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC09 - Enable Two Factor Authentication (2FA)  UC10 - Disable 2FA  UC12 - Reset Authenticator  UC13 - Login Via Recovery Code  UC14 - Reset Recovery Codes  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have access to a mobile device.  3. The Business or Member does not already have 2FA enabled. | |
| **Post Conditions** | 1. Two factor authentication will be enabled. Logging in will require both the password and mobile device used when setting up the authenticator. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “enable 2FA” button on their account settings page.  2. The Business or Member scans or enters the code into their authenticator app of choice.  3. The Business or Member will then be displayed a code that they must enter in a form on the website. | System:  1.1 System displays a QR code or a written code for use when generating an authenticator.  3.1 If the code entered is valid the 2FA method is added to the Business or Members account. |
| **Exception Conditions** | 3a. The Business or Member enters an invalid code. | |

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| **Use Case #** | UC12 | |
| **Use Case Name** | Reset Authenticator | |
| **Scenario** | The Business or Member would like to reset their current 2FA authenticator. | |
| **Triggering Event** | The Business or Member clicks the “reset authenticator” button on their account settings page. | |
| **Brief Description** | The Business or Member would like to reset their current authenticator. An example: Changing mobile devices. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC09 - Enable Two Factor Authentication (2FA)  UC10 - Disable 2FA  UC11 - Add Authenticator  UC13 - Login Via Recovery Code  UC14 - Reset Recovery Codes  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have 2FA enabled.  3. The Business or Member must have access to a mobile device. | |
| **Post Conditions** | 1. Two-factor authentication will still be enabled but with the instance of the authenticator app. Logging in will still require both the password and mobile device used when setting up the authenticator. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “reset 2FA” button on their account settings page.  2. The Business or Member confirms they want to reset the 2FA on their account.  3. The Business or Member scans or enters the code into their authenticator app of choice.  4. The Business or Member will then be displayed a code that they must enter in a form on the website. | System:  1.1 System will display a confirmation page to the Business or Member explaining what they are about to do.  2.1 System removes the old instance of 2FA from the Business or Members account.  2.2 System displays a QR code or a written code for use when generating an authenticator.  4.1 If the code entered is valid the 2FA method is added to the Business or Members account. |
| **Exception Conditions** | 4a. The Business or Member enters an invalid code. | |

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| **Use Case #** | UC13 | |
| **Use Case Name** | Login Via Recovery Code | |
| **Scenario** | The Business or Member is trying to log in but does not have access to their mobile device. | |
| **Triggering Event** | The Business or Member tried to log in with 2FA enabled but does not have access to their mobile device. | |
| **Brief Description** | The Business or Member would like to log in to their account with 2FA enabled but does not have access to their mobile authenticator. They can use one of their 10 recovery codes to temporarily bypass the mobile authenticator. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC09 - Enable Two Factor Authentication (2FA)  UC10 - Disable 2FA  UC11 - Add Authenticator  UC12 - Reset Authenticator  UC14 - Reset Recovery Codes | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have 2FA enabled.  3. The Business or Member does not have access to their mobile device. | |
| **Post Conditions** | 1. The Business or Member will be logged in to their account.  2. The recovery code used will no longer be usable. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the login button.  2. The user enters their login credentials.  3. The Business or Member does not have one so they press the “log in with recovery code” button.  4. The Business or Member enters their recovery code. | System:  1.1 System displays the login page.  2.1 System validates the credentials.  2.2 System prompts the user for a 2FA code  3.1 System displays the recovery code page.  4.1 If valid the system  creates a login token.  4.2 The Business or Member is brought to the home page. |
| **Exception Conditions** | 3a. The Business or Member has no recovery codes.  3b. Recovery code is not valid or has already been used. | |

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| **Use Case #** | UC14 | |
| **Use Case Name** | Reset Recovery Codes | |
| **Scenario** | The Business or Member would like to reset their recovery codes. | |
| **Triggering Event** | The Business or Member clicks the “reset recovery codes” button on their account settings page. | |
| **Brief Description** | The Business or Member would like to reset their recovery codes on their account. There are many reasons why they would want/need to do this, for example, they could have run out of codes from logging in via recovery code. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login  UC09 - Enable Two Factor Authentication (2FA)  UC10 - Disable 2FA  UC11 - Add Authenticator  UC12 - Reset Authenticator  UC13 - Login Via Recovery Code  UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member must have an account.  2. The Business or Member must have 2FA enabled. | |
| **Post Conditions** | 1. The Business or Member will have 10 new recovery codes on their account.  2. The old recovery codes on the Business or Members account are now obsolete. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “reset recovery codes” button on their account settings page.  2. The Business or Member confirms they want to reset their recovery codes. | System:  1.1 System displays a confirmation page to the Business or Member explaining what they are about to do.  2.1 System generates 10 new recovery codes.  2.2 System displays a page with the 10 new codes for the Business or Member to save. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC15 | |
| **Use Case Name** | Business Add Item | |
| **Scenario** | A Business would like to add an item to their catalogue. | |
| **Triggering Event** | The Business clicks the “add item” button. | |
| **Brief Description** | A Business can add items to their catalogue for customers to purchase. Clicking the “add item” button will display a form where they can add item information. | |
| **Actors** | Business | |
| **Related Use Cases** | UC16 - Business Edit item  UC17 - Business Remove Item | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in. | |
| **Post Conditions** | 1. The item is added to the Businesses catalogue. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “add item” button.  2. The Business enters the information for the item into the form on the page.  3. The Business clicks the “save item” button | System:  1.1 System displays a page with a form allowing the Business to add a new item.  2.1 System validates the item.  3.1 System saves the item to the database. |
| **Exception Conditions** | 3.a Invalid item information | |

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| **Use Case #** | UC16 | |
| **Use Case Name** | Business Edit Item | |
| **Scenario** | A Business wants to edit an item in their catalogue. | |
| **Triggering Event** | The Business clicks the “edit item” button next to an item in their catalogue. | |
| **Brief Description** | A Business can edit an item in their catalogue for a variety of reasons. Clicking the “edit item” button will display a form where they can edit the item's information. | |
| **Actors** | Business | |
| **Related Use Cases** | UC15 - Business Add Item  UC17 - Business Remove Item | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in.  2. The Business must have an item to edit. | |
| **Post Conditions** | 1. The item the Business selected will be updated with the information entered. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “edit item” button next to an item.  2. The Business changes the details of the item  3 The Business clicks the “save item” button. | System:  1.1 System brings up the edit page with the details of the previous item for the Business to edit.  2.1 System validates the changes.  3.1 System then changes the details of the item in the database. |
| **Exception Conditions** | 3.a Invalid item information | |

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| **Use Case #** | UC17 | |
| **Use Case Name** | Business Remove Item | |
| **Scenario** | A Business would like to remove an item from their catalogue. | |
| **Triggering Event** | The Business clicks the “remove item” button next to an item in their catalogue. | |
| **Brief Description** | A Business can remove an item from their catalogue for a variety of reasons. Clicking the “remove item” button will display a confirmation page explaining what they are about to do. | |
| **Actors** | Business. | |
| **Related Use Cases** | UC15 - Business Add Item  UC16 - Business Edit Item | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in.  2. The Business must have an item to remove. | |
| **Post Conditions** | 1. The Item selected will be removed from the Businesses catalogue.  2. The Item will no longer be available for purchase. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “remove item” button next to an item.  2. The Business confirms they want to remove the item. | System:  1.1 System displays a confirmation page to the Business explaining what they are about to do.  2.1 System removes the item from the Businesses catalogue. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC18 | |
| **Use Case Name** | Business Create Sale | |
| **Scenario** | The Business would like to create a sale for specific items. | |
| **Triggering Event** | The Business clicks the “create sale” button then enters the sale information. Once the sale has been created the Business selects the items to be included in the sale. | |
| **Brief Description** | The Business creates a sale on their virtual storefront, upon entering the sale details they select the items to be sold at a discounted price. | |
| **Actors** | Business | |
| **Related Use Cases** | UC19 - Business Edit Sale  UC20 - Business End Sale | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in.  2. The Business must have an item to put on sale. | |
| **Post Conditions** | 1. The sale is created and if any items are selected are put on sale. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “create sale” button.  2. The Business enters the sales details e.g. when it takes place.  3. The Business chooses the items to be put on sale. | System:  1.1 System displays the create sales page.  2.1 System confirms the sale.  2.2 System displays a page for the Business to add items to the sale.  3.1 System adds the items to the sale which will then be offered at a discounted price. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC19 | |
| **Use Case Name** | Business Edit Sale | |
| **Scenario** | The Business would like to edit a sale they have published. | |
| **Triggering Event** | The Business clicks the “edit sale” button next to an existing sale. | |
| **Brief Description** | The Business would like to edit one of their existing sales. They could be changing items offered, changing the time, changing the discount percentage etc. | |
| **Actors** | Business | |
| **Related Use Cases** | UC19 - Business Create Sale  UC20 - Business End Sale | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in.  2. The Business must have an item to put on sale.  3. The Business must have an existing sale to edit. | |
| **Post Conditions** | 1. The sale listing is edited. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “edit sale” button.  2.The Business edits any information.  3. The Business clicks the “save” button. | System:  1.1 System displays the edit sales page with all previous sale details.  3.1 System saves the changes made to the sale. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC20 | |
| **Use Case Name** | Business End Sale | |
| **Scenario** | The Business would like to end a sale they have published | |
| **Triggering Event** | The Business clicks the “end sale” button next to an existing sale | |
| **Brief Description** | The Business would like to end one of their existing sales. Doing so would end the sale and all items currently within that sale would go back to their original price. | |
| **Actors** | Business | |
| **Related Use Cases** | UC18 - Business Create Sale  UC19 - Business Edit Sale | |
| **Stakeholders** | Business | |
| **Pre Conditions** | 1. The Business must be logged in.  2. The Business must have an item to put on sale.  3. The Business must have an existing sale to end. | |
| **Post Conditions** | 1. The sale would no longer be active. | |
| **Flow Of Events** | Actor:  1. The Business clicks the “end sale” button.  2. The Business clicks the confirmation button. | System:  1.1 System displays a confirmation message before ending the sale.  2.1 System ends the sale and removes the discount on any items currently in the sale. |
| **Exception Conditions** | 1. None | |

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| **Use Case #** | UC21 | |
| **Use Case Name** | Business Generate Reports | |
| **Scenario** | The Business would like to view a list of reports to be generated. | |
| **Triggering Event** | The Business clicks the view reports button, bringing them to the reports listing page. | |
| **Brief Description** | The Business would like to view a list of all invoices which they have been a part of. This can be used for market research and adjusting prices of items or other business-intelligence related fields. | |
| **Actors** | Business | |
| **Related Use Cases** | UC24 - Member Views List Of Previous Orders  UC25 - Member Views Order Details  UC28 - Member Checkout | |
| **Stakeholders** | Business | |
| **Pre Conditions** | Depends on type of report:  1. A member has placed and completed an order with the business in the past.  2. The business has cancelled an order in the past.  3. The business has accepted and fulfilled an order in the past.  4. A member has cancelled an order in the past. | |
| **Post Conditions** | 1. A report is generated for the business to view with (selected number of reports) within (selected time period) | |
| **Flow Of Events** | Actor:  1. The Business clicks the “view reports” button.  2. The Business clicks the “view invoices” button. | System:  1.1 System displays the report listing page.  2.1 System displays a list of invoices. |
| **Exception Conditions** | 1. The business has no completed orders in the past. | |

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| **Use Case #** | UC22 | |
| **Use Case Name** | Business or Member Views Account Settings | |
| **Scenario** | The Member would like to view their account settings. | |
| **Triggering Event** | The Member clicks the account settings button in the navigation bar. | |
| **Brief Description** | The Member would like to view (and then change) some of their account settings such as 2FA, change password etc. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC07 - Change Password  UC09 - Enable Two Factor Authentication  UC10 - Disable 2FA  UC11 - Add Authenticator  UC12 - Reset Authenticator  UC14 - Reset Recovery Codes | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Business or Member is logged in. | |
| **Post Conditions** | 1. The Business or Member is viewing their account settings. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “View account settings” button in the navigation bar. | System:  1.1 System displays the account settings page to the Business or Member. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC23 | |
| **Use Case Name** | Member Changes Email Preferences | |
| **Scenario** | The Member would like to change their email preferences. | |
| **Triggering Event** | The Member clicks different checkboxes on the email preferences page to opt-in / out of different email settings. | |
| **Brief Description** | The Member would like to begin receiving more or less emails from the KurbSide system such as notifying them of upcoming sales for popular businesses, if the businesses they regularly shop at has some new related items to the ones they buy, etc. | |
| **Actors** | Member | |
| **Related Use Cases** | UC22 - Business or Member Views Account Settings | |
| **Stakeholders** | Member | |
| **Pre Conditions** | 1. The Member is logged in.  3. The Member is viewing their account settings. | |
| **Post Conditions** | 1. The Member will begin receiving promotional emails. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “View account settings” button in the navigation bar.  2. The Member clicks the “email preferences” button  3. The Member clicks the different checkboxes to opt-in/out of different types of emails. | System:  1.1 System displays the account settings page to the Business or Member.  2.1 System displays the email preferences page.  3.1 System saves the Members email settings |
| **Exception Conditions** | None. | |

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| **Use Case #** | UC24 | |
| **Use Case Name** | Business or Member Views List Of Previous Orders | |
| **Scenario** | The Business or Member would like to view a list of previously submitted orders. | |
| **Triggering Event** | The Business or Member clicks the view orders button, bringing them to the previously placed orders page. | |
| **Brief Description** | The Business or Member would like to view a list of previously placed orders. These orders can be both open or closed. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC21 - Business Generate Invoice List  UC25 - Member Views Order Details  UC28 - Member Checkout | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. A Member has placed an order with a business in the past. | |
| **Post Conditions** | 1. A list of orders previously placed is generated within (selected time period). | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “view orders” button. | System:  1.1 System displays the order listing page. |
| **Exception Conditions** | 1.a The Member has placed no orders in the past. | |

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| **Use Case #** | UC25 | |
| **Use Case Name** | Business or Member Views Order Details | |
| **Scenario** | The Business or Member would like to view a particular order's details. | |
| **Triggering Event** | The Business or Member clicks the view order details button next to an order. | |
| **Brief Description** | The Business or Member would like to view an order in greater detail. From this page they can view. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC21 - Business Generate Invoice List  UC24 - Member Views List Of Previous Orders  UC28 - Member Checkout | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. A Member has placed an order with a business in the past. | |
| **Post Conditions** | 1. A list of orders previously placed is generated within (selected time period) | |
| **Flow Of Events** | Actor:  1. The Member clicks the “view orders” button.  2. The Member clicks the “view details” button. | System:  1.1 System displays the order listing page.  2.1 System displays the order details page. |
| **Exception Conditions** | 1.a The Member has placed no orders in the past. | |

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| **Use Case #** | UC26 | |
| **Use Case Name** | Member Adds To Cart | |
| **Scenario** | The Member would like to add an item to their cart. | |
| **Triggering Event** | The Member clicks the “add item” button on an items page or during the item list page. | |
| **Brief Description** | The Member adds an item to their cart to later place an order. | |
| **Actors** | Member | |
| **Related Use Cases** | UC27 - Member Removes From Cart  UC28 - Member Checkout | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Member is logged in.  2. There is an item to be added to the Members cart. | |
| **Post Conditions** | 1. The item is added to the Members cart | |
| **Flow Of Events** | Actor:  1. The Member clicks the “add to cart” button next to an item. | System:  1.1 System adds the item to the Members cart. |
| **Exception Conditions** | 1.a The Member is not logged in. | |

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| **Use Case #** | UC27 | |
| **Use Case Name** | Member Removes Item From Cart | |
| **Scenario** | The Member would like to remove an item from their cart. | |
| **Triggering Event** | The Member clicks the “remove from cart” button next to an item in their cart. | |
| **Brief Description** | The Member removes an item from their cart. | |
| **Actors** | Member | |
| **Related Use Cases** | UC26 - Member Adds To Cart  UC28 - Member Checkout | |
| **Stakeholders** | Member | |
| **Pre Conditions** | 1. The Member is logged in.  2. There is an item in the Members cart. | |
| **Post Conditions** | 1. The item is removed from the Members cart. | |
| **Flow Of Events** | Actor:  1. The Member clicks the “remove from cart” button next to an item in their cart. | System:  1.1 System removes the item from the Members cart. |
| **Exception Conditions** | 1.a The Member is not logged in. | |

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| **Use Case #** | UC28 | |
| **Use Case Name** | Member Checkout | |
| **Scenario** | The Member checks out the items in their cart. | |
| **Triggering Event** | The Member clicks the checkout button | |
| **Brief Description** | The Member would like to purchase in their cart, so they must go through the checkout process. | |
| **Actors** | Member | |
| **Related Use Cases** | UC26 - Member Adds To Cart  UC27 - Member Removes From Cart  UC31 - Business / Member Views Notifications  UC32 - System Sends Notification | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Member is logged in.  2. There is an item in the Members cart. | |
| **Post Conditions** | 1. The Members cart is cleared  2. The Order is placed with the Business for the items in the cart. | |
| **Flow Of Events** | Actor:  1. The Member clicks the “cart” button in the navigation bar.  2. The Member clicks proceed to checkout  3.The Member clicks on their desired payment method.  4. The Member enters any required payment information.  5. The Member clicks the “place order” button.  6. The Member clicks the “confirm order” button | System:  1.1 System displays the Members cart.  2.1 System displays the checkout page.  3.1 System displays the payment method portal.  4.1 3rd party validates payment information  5.1 System requests order confirmation.  6.1 System places the order. |
| **Exception Conditions** | 1.a The Member is not logged in.  1.b An item no longer exists in the Members cart (the Business removed it from their catalogue).  4.a The payment method provided is invalid.  4.b The payment was declined.  6.a The member cancels the order. | |

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| **Use Case #** | UC29 | |
| **Use Case Name** | Business / Member Updates Email Address | |
| **Scenario** | The Business or Member would like to update their accounts email address. | |
| **Triggering Event** | The Business / Member changes their email address. | |
| **Brief Description** | The Business or Member wants to change their accounts email address. This would change their login email, and the email they receive KurbSide emails with. | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC05 - Login | |
| **Stakeholders** | UC22 - Business or Member Views Account Settings  UC23 - Member Changes Email Preferences | |
| **Pre Conditions** | 1. The Business or Member is logged in. | |
| **Post Conditions** | 1. The Business or Members' email is changed on their account.  2. The Business or Member must have access to their email address. | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “View account settings” button in the navigation bar.  2. The Business or Member clicks the “email settings”.  3. The Business or Member enters their new email address and clicks change email.  4. The Business or Member clicks the link in the new email to confirm the new email address. | System:  1.1 System displays the account settings page to the Business or Member.  2.1 System displays the email preferences page.  3.1 System sends a confirmation email to the new email address.  4.1 System saves the new email address to the account. |
| **Exception Conditions** | 4.a The Business or Member does not have access to their email account  4.b. The entered email address is already in use. | |

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| **Use Case #** | UC30 | |
| **Use Case Name** | Member Cancels Order | |
| **Scenario** | The Member would like to cancel one of their existing pending orders | |
| **Triggering Event** | The Member clicks the “cancel order” button on an order | |
| **Brief Description** | The Member would like to cancel a pending order. This can only be done before the order has been accepted or fulfilled. | |
| **Actors** | Member | |
| **Related Use Cases** | UC24 - Member Views List Of Previous Orders  UC25 - Member Views Order Details  UC26 - Member Adds To Cart  UC31 - Business / Member Views Notifications  UC32 - System Sends Notification | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. The Member is logged in.  2. There is a pending open order on the Members account. | |
| **Post Conditions** | 1. The order is cancelled  2. The Business is notified of order cancellation. | |
| **Flow Of Events** | Actor:  1. The Member clicks the “view orders” button.  2. The Member clicks the “cancel order” button next to a pending order.  3. The Member confirms order cancellation. | System:  1.1 System displays the orders page.  2. System displays a confirmation message asking if the Member is sure they want to cancel.  2. System cancels the order between the Member and Business. |
| **Exception Conditions** | 2.a The order has already been accepted/fulfilled. | |

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| **Use Case #** | UC31 | |
| **Use Case Name** | Business / Member Views Notifications | |
| **Scenario** | The Business or Member would like to view a notification | |
| **Triggering Event** | 1. The Business or Member clicks the link in their email address.  2. The Business or Member clicks the “view notifications” button. | |
| **Brief Description** | The Business or Member would like to view their notifications; e.g. This could be check up on an orders status | |
| **Actors** | Business, Member | |
| **Related Use Cases** | UC26 - Member Adds To Cart  UC30 - Member Cancels Order  UC32 - System Sends Notification | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing order placed. | |
| **Post Conditions** | 1. The Business / Member is viewing a notification | |
| **Flow Of Events** | Actor:  1. The Business or Member clicks the “view notifications” button.  2. The Business or Member clicks the “view details” button on a notification. | System:  1.1 System displays the notifications page.  2.1 System displays the notification details |
| **Exception Conditions** | None | |

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| **Use Case #** | UC32 | |
| **Use Case Name** | System Sends Notification | |
| **Scenario** | The System sends a notification to the Member | |
| **Triggering Event** | 1. The Member has placed an order.  2. The Member has cancelled an order.  3. The Business has updated an order. | |
| **Brief Description** | The System sends a notification to the Business / Member | |
| **Actors** | System | |
| **Related Use Cases** | UC31 - Business / Member Views Notifications | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing order placed. | |
| **Post Conditions** | 1. A notification is sent to the Business or Members email address. | |
| **Flow Of Events** | Actor:  1.1 The Member places an order.  1.2 The Member cancels an order.  1.3 The Business updates an order. | System:  1.1 System sends an email to the corresponding email with a notification of the order update. |
| **Exception Conditions** | None | |

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| **Use Case #** | UC33 | |
| **Use Case Name** | Member Views Businesses | |
| **Scenario** | The Member would like to view a business | |
| **Triggering Event** | The Member clicks the “view businesses” button on the business list page. | |
| **Brief Description** | The Member would like to the list of businesses | |
| **Actors** | Member | |
| **Related Use Cases** | Member View Catalogues | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing Business registered. | |
| **Post Conditions** | 1. The Member is viewing the business listings | |
| **Flow Of Events** | Actor:  1. The Member clicks the “view businesses” button. | System:  1.1 System displays the business listings page. |
| **Exception Conditions** | 1. The Member is not logged in. | |

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| **Use Case #** | UC34 | |
| **Use Case Name** | Member Views A Business Catalogue | |
| **Scenario** | The Member would like to view a Businesses catalogue | |
| **Triggering Event** | The Member clicks the “view catalogue” button next to a Business on the business listing page. | |
| **Brief Description** | The Member clicks the “view catalogue” button, taking them to the Businesses catalogue. From there they can purchase items. | |
| **Actors** | Member | |
| **Related Use Cases** | UC33 - Member Views Businesses  UC35 - Member Views Item | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing Business registered.  2. There is an existing Business with a catalogue. | |
| **Post Conditions** | 1. The Member is viewing the businesses catalogue | |
| **Flow Of Events** | Actor:  1. The Member clicks the “view businesses” button.  2. The Member clicks the “view catalogue” button. | System:  1.1 System displays the business listings page.  2.1 System displays the selected business's catalogue. |
| **Exception Conditions** | 1. The Member is not logged in. | |

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| **Use Case #** | UC35 | |
| **Use Case Name** | Member Views Item | |
| **Scenario** | The Member Views A Businesses Item | |
| **Triggering Event** | The Member clicks the “view item” button. | |
| **Brief Description** | The Member wants to view an items description page. | |
| **Actors** | Member | |
| **Related Use Cases** | UC26 - Member Adds To Cart  UC34 - Member Views A Business Catalogue | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing Business registered.  2. There is an existing Business with a catalogue. | |
| **Post Conditions** | 1. The Member is viewing an items description page. | |
| **Flow Of Events** | Actor:  1. The Member clicks the “view businesses” button.  2. The Member clicks the “view catalogue” button.  3 The Member clicks the “view item” button. | System:  1.1 System displays the business listings page.  2.1 System displays the selected business's catalogue.  3.1 System displays the items description page. |
| **Exception Conditions** | 1. The Member is not logged in. | |

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| **Use Case #** | UC36 | |
| **Use Case Name** | Business Updates Order Status | |
| **Scenario** | The Business updates the status of an existing order with their business. | |
| **Triggering Event** | The Business changes the status of an order. | |
| **Brief Description** | The Business views their list of orders or the order details page for a specific order; From here they can update its status. Some example statuses in order of “readiness”: From Pending to Accepted, Preparing, Ready for pickup, Picked up/Closed, Cancelled or Denied. | |
| **Actors** | Business | |
| **Related Use Cases** | UC24 - Business or Member Views List Of Previous Orders  UC25 - Business or Member Views Order Details  UC31 - Business / Member Views Notifications  UC32 - System Sends Notification | |
| **Stakeholders** | Business, Member | |
| **Pre Conditions** | 1. There is an existing order placed with the business.  2. The Business is viewing their existing orders or an orders details page. | |
| **Post Conditions** | 1. The orders status is updated.  2. The Member receives a notification that their orders status has been updated. | |
| **Flow Of Events** | Actor:  1. The Business chooses a status for the order from the dropdown.  2. The Business clicks the accepts the warning message. | System:  2.1 System saves the updated status for the order. |
| **Exception Conditions** | None. | |