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| **EXP01 – Expense is successfully created** |
| **Status:** Test Implemented |
| **Summary**  Upon fulfilling the expense creation fields with valid information, the expense will be logged into the database and the corresponding price will be deducted to the corresponding wallet.  **Created on** May 14, 2018 **by** Jean Pierre C. Acebedo  **Last Updated on** May 14, 2018 |

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| **Prerequisites**   * The web server is successfully connected to the wallet database. * The web server is successfully connected to the expense database. * The user enters valid syntax in the fields of the form. (See below) |

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| **Procedure**   1. The user fulfills the information in the form with correct information. 2. The user presses the “Add this Expense” button. |
| **Expected Result(s)**   1. The system shall store the newly placed expense in the ‘expenses’ collection of the database. 2. The user shall receive a notification that the wallet has been successfully created. 3. The user will be brought back to his/her profile page. 4. The corresponding wallet that is related to the expense will have its wallet deducted. (example: If a $20.00 expense was created under the ‘savings’ wallet, the savings wallet will have $20.00 deducted from its balance.) |

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| **EXP02 – Expense has an error in one or more form fields (Client)** |
| **Status:** Test Implemented |
| **Summary**  Upon entering information that is invalid, the user shall be notified with a message that they have entered invalid information on the form. Along with this, the fields with invalid syntax will be marked by a red hue.  **Created on** May 14, 2018 **by** Jean Pierre C. Acebedo  **Last Updated on** May 14, 2018 |

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| **Prerequisites**   * The user enters invalid syntax in one or more fields of the form. (See below) |

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| **Procedure**   1. The user fulfills the information in the form with incorrect syntax in one or more fields. 2. The user presses the “Add this Expense” button. |
| **Expected Result(s)**   1. The user shall receive a notification that the he/she has entered information that is invalid, and to try again. 2. The fields with invalid syntax will turn into a red hue. |

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| **EXP03 – Expense has an error in one or more form fields (Server)** |
| **Status:** Test Implemented |
| **Summary**  Upon managing to post invalid information to the server, the server shall respond with an error, and update the page accordingly.  **Created on** May 14, 2018 **by** Jean Pierre C. Acebedo  **Last Updated on** July 02, 2018 |

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| **Prerequisites**   * The web server is successfully connected to the wallet database. * The web server is successfully connected to the expense database. * The server posts a “POST” request with invalid information in one or more fields. |

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| **Procedure**   1. The user submits a “POST” request to the server with invalid information in one or more fields. (Example: Use of a HTTP request application or modification of the HTML) |
| **Expected Result(s)**   1. The user shall receive an HTTP status code of 412 (Precondition failed) |

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| **Defining “Valid” Information for an Expense** | |
| Last Updated on: May 14, 2018 | |
| Name | 3 – 40 characters, belonging in [A-Z, a-z, 0-9, \ , \.] and must begin with an alphabetic character or a number. |
| Type | 3-15 characters belonging in [A-Z, a-z, \ ]. |
| Price | Any positive float value, with up to 2 degrees of precision (e.g. 41.44) |
| Wallet | Any wallet that exists in the user’s account. |