

| <b>Case</b>          | <b>The Change (New)</b>   | <b>The Regression Test (Old/Existing)</b>  |
|----------------------|---|--|
| 1. Category Discount | You add a 20% discount on all Science Fiction books.            | Check: Do History and Art books still charge the full, 100% price?                       |
| 2. Login Update      | You add a "Login with Google" button for easier access.         | Check: Can users still log in using their old Library Card number and Password?          |
| 3. Digital E-books   | You add a feature to read e-books online.                       | Check: Can users still successfully borrow physical, paper books from the shelf?         |
| 4. Late Fee Increase | You change the late fine from \$0.50 to \$1.00 per day.         | Check: Does the system still accurately count the number of days a book is late?         |
| 5. Search Filter     | You add a filter to search for books by "Year of Publication."  | Check: Does searching by "Author Name" or "Book Title" still give the correct results?   |
| 6. Profile Photos    | You allow members to upload a profile picture to their account. | Check: Does the member's contact information (phone and email) remain saved and correct? |