

| Test ID | Module | Boundary Description | Input Condition | Expected Result | Status |
|---------|----------|---------------------------------|------------------------|-----------------|--------|
| BVA-01 | Signup | Password Minimum (Edge - 1) | 3 Characters | Fail | Pass |
| BVA-02 | Signup | Password Minimum (Edge) | 4 Characters | Success | Pass |
| BVA-03 | Signup | Password Minimum (Edge + 1) | 5 Characters | Success | Pass |
| BVA-04 | Book | Inventory Limit (Full Stock) | Issued = Copies | Fail | Pass |
| BVA-05 | Book | Inventory Limit (Last Copy) | Issued = Copies - 1 | Success | Pass |
| BVA-06 | Book | Inventory Limit (Over Capacity) | Issued = Copies + 1 | Fail | Pass |
| BVA-07 | Signup | Mobile Number Data Type | Non-numeric string | Fail | Pass |
| BVA-08 | Signup | Mobile Number Minimum | 1 Digit | Success | Pass |
| BVA-09 | Login | Password Field Boundary | Empty String ("") | Fail | Pass |
| BVA-10 | Password | New Password Constraint | Same as Old Password | Success | Pass |
| BVA-11 | Password | New Password Boundary | Empty String ("") | Fail | Pass |
| BVA-12 | Admin | Username Case Sensitivity | lowercase vs UPPERCASE | Success | Pass |
| BVA-13 | Book | Student ID Existence | Non-existent ID | Fail | Pass |
| BVA-14 | Book | Book ID Existence | Non-existent ID | Fail | Pass |
| BVA-15 | Signup | Full Name Boundary | 1 Character Name | Success | Pass |