**The Shoe Selection Problem**

Formal

N

N

Casual

Heels

Top Siders

Flats

Pumps

Oxfords

Swim Shoes

Y

Swimming

N

Gym Shoes

Calc Total Cost

Calc Subtotal

Calc tax

Shoe Selection

Gym

Work

Female

N

Y

N

Male

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Case Description** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/**  **Fail** |
| 1 | Male choose gym shoes | Male => gym => no swimming => gym shoes | Gender male  Location gym  Swimming (False)  Gym shoes | Male pick the right gym shoes for the right location | As expected | Pass |
| 2 | Male choose swim choose | Male => gym => swimming => swim shoes | Gender male  Location gym  Swimming (True)  Swim shoes | Male pick the right swim shoes for the right location | As expected | Pass |
| 3 | Male choose top siders | Male => no gym => casual or work => top siders | Gender male  Location gym  Location work  Top siders | Male pick the right top siders for the right location | As expected | Pass |
| 4 | Male choose oxfords | Male => no gym => no work => no casual => formal => no top siders => no flats => no pumps => oxfords | Gender male  Location gym  Location work  Location casual  Location formal  Top siders  Flats  Pumps  Oxfords | Male choose the right oxfords for the right location | As expected | Pass |
| 5 | Female choose gym shoes | No male => female => gym => no swimming => gym shoes | Gender male  Gender female  Location gym  Swimming (False)  Gym shoes | Female pick the right gym shoes for the right location | As expected | Pass |
| 6 | Female choose swim shoes | No male => female => gym => swimming => swim shoes | Gender male  Gender female  Location gym  Swimming (True)  Swim shoes | Female pick the right swim shoes for the right location | As expected | Pass |
| 7 | Female choose flats | No male => female => no gym => no work => casual => no top siders => flats | Gender male  Gender female  Location gym  Location work  Location casual  Top siders  Flats | Female pick the right flats for the right location | As expected | Pass |
| 8 | Female choose pumps | No male => female => no gym => work => no top siders => no flats => pumps | Gender male  Gender female  Location gym  Location work  Top siders  Flats  Pumps | Female pick the right pumps for the right location | As expected | Pass |
| 9 | Female choose heels | No male => female => no gym => no work => no casual => formal => no top siders => no flats => no pumps => no oxfords => heels | Gender male  Gender female  Location gym  Location work  Location casual  Location formal  Top siders  Flats  Pumps  Oxfords  Heels | Female pick the right heels for the right location | As expected | Pass |
| 10 | Calc subtotal | Calc subtotal based on each type of shoes | Gym shoes  Swim shoes  Top siders  Flats  Pumps  Oxfords  Heels | Calc subtotal | As expected | Pass |
| 11 | Calc tax | Calc tax cost based on the state tax rate | Tax rate | Calc tax | As expected | Pass |
| 12 | Calc total cost | Calc total cost by adding sub total cost with tax cost | Subtotal cost  Tax cost | Calc total cost | As expected | Pass |