**Test Report – Martin Byrne**

The test carried out on the 19th November 2019 against the Bikeshop Application V1 has the following results. The test found several errors which will be listed below. Recommendations for fixing errors will also include along with a summary of how successful the testing went.

**Presence or Absence of errors**

“**Expected** Enter a number in Frame Price. **Actual** Enter a Frame Price, different wording to error message, see screenshot test case 3”

“**Expected** 7 Estimate cannot be displayed, first calculate estimate. **Actual** 5 Estimate cannot be displayed, first calculate estimate. Wrong error number, right message, see screenshot test case 8”

“**Expected** Shimano Dura Ace displayed in description. **Actual** Shimano Dura displayed in description. Missing word Ace, see screenshot test case 23”

“**Expected** Price 10004 Shimano Sora 400. **Actua**l Price 10004 Shimano Sora 300. Different price, see screenshot test case 28”

“**Expected** Vat displays value of 140. **Actual** Vat displays value of 120. VAT is calculated at 17.143 % instead of 20% see screenshot test case 33”

“**Expected** Estimate displays value 840. **Actual** Estimate displays value VAT. Estimate is calculated incorrectly see screenshot test case 34”

“**Expected** 7 Estimate cannot be displayed, first calculate estimate. **Actual** 5 Estimate cannot be displayed, first calculate estimate. Wrong error number, right message, see screenshot test case 35”

“**Expected** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals None, pedal price 0, Labour 200, Net Cost 700, VAT 140, Estimate 840. **Actual** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals None, pedal price 0, Net Cost 600, VAT 120, Estimate 720. Missing Labour price, VAT, Net Cost & Estimate calculated incorrectly see screenshot testcase 36”

“**Expected** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals SPD, pedal price 40, Labour 220, Net Cost 760, VAT 152, Estimate 912. **Actual** Estimate for Joe Bloggs, Labour field missing, estimate in euro instead of pounds in example see screenshot test case 37”

“**Expected** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals Look, pedal price 50, Labour 220, Net Cost 770, VAT 154, Estimate 924. **Actual** Estimate for Joe Bloggs, Labour field missing, estimate in euro instead of pounds in example see screenshot test case 38”

“**Expected** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals Time, pedal price 60, Labour 220, Net Cost 780, VAT 156, Estimate 936. **Actual** Estimate for Joe Bloggs, 100 frame price, groupset Campag Veloce, groupset price 400, pedals Time, pedal price 40, Net Cost 760, VAT 152, Estimate 912. Labour field missing, estimate in euro instead of pounds in example, Pedal price wrong, See screenshot testcase 39 “

**Proposals for Rectifying Errors**

**High Priority**

The Labour Price is missing from the Display Estimate.

The VAT calculated at the wrong rate 17% instead of 20%.

Estimate calculated incorrectly on Pedals none. Labour calculated using 100.00 instead of 200.00

Shimano Sora price shown at 300.00 instead of 400.00

Pedal price for time pedals is calculated at 40.00 instead of 60.00

**Medium Priority**

Error No 7. Estimate cannot be displayed, first calculate estimate displayed as Error No 5 Estimate cannot be displayed, first calculate estimate. The Error Number is incorrect.

Error message No 2. Enter a number in Frame Price. The words “Number in” are missing from the error message.

**Low Priority**

Shimano Dura Ace displayed as Shimano dura in description

**Report Results against the App Specification**

Many features in the application meet the specifications but some do not. These have been listed in the Errors section along with some recommendations that may be used to address the errors. After full testing 75% passed and 25% failed.