ITC515 Professional Programming Practice

Assessment Item 4:

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# Repository Information

## URL

The URL for the assignment 4 repository is:

<https://github.com/WBGroupR/Zapp.git>

## Location of Files in Repository

### Source Code

The Assignment 4 source code files, with debug fixes applied, are in the following sub-directory:

#### Zapp/src/

### Test-related Files

The files relevant to testing in Assignment 4 are in the following sub-directories:

i) User tests that specify the bugs:

#### Zapp/UAT/

* UAT Scenario – Bug 1
* UAT Scenario – Bug 2
* UAT Scenario – Bug 3

Plus the automated test code:

#### Zapp/test/

* TestBug1.java
* TestBug2.java
* TestBug3.java
* TestBug3a.java

ii) Output from automated tests demonstrating the bugs:

#### Zapp/UAT/

* Automated Test – Bug 1
* Automated Test – Bug 2
* Automated Test – Bug 3

iii and iv) Debugging log with hypotheses, tests and results plus screen shots:

#### Zapp/fix\_logs/

* Investigation – Fix Log for Bug 1
* Investigation – Fix Log for Bug 2
* Investigation – Fix Log for Bug 3 (and Bug 3a)
* Investigation – Fix Log for Bug 4

v) Output from automated tests demonstrating correct operation after bugs fixed:

#### Zapp/AUTOTEST\_OUT/

* AutoTest – Bug 1 Fix Output
* AutoTest – Bug 2 Fix Output
* AutoTest – Bug 3 Fix Output
* AutoTest – Bug 3a Fix Output
* Note no autotest for Bug 4 as it was not an original UAT bug, however test results are shown in Fix Log 4 above.

vi) Output from the original UAT tests of game code (now fixed):

#### Zapp/UAT\_OUT/

* UAT – Retest Bug 1
* UAT – Retest Bug 2
* UAT – Retest Bug 3