

## Unit Testing

These tests were designed for automated app testing. They were run using Karma and Jasmine. All tests were in Chrome browser.

Tests can be found in root/tests folder. To run tests open console in 'tests' folder and type 'karma start unit-tests.conf.js'.

Unit testing covers following services:

### **userService:**

- |  |      |
|--|------|
| 1. test if has instance of userService | TRUE |
| 2. test if can load user               | TRUE |
| 3. test if can save new user           | TRUE |
| 4. test if can update user             | TRUE |
| 5. test if can delete user             | TRUE |

### **storyService:**

- |   |      |
|---|------|
| 6. test if has instance of storyService | TRUE |
| 7. test if can load stories             | TRUE |
| 8. test if can save new story           | TRUE |
| 9. test if can update story             | TRUE |
| 10. test if can delete story            | TRUE |

### **questService:**

- |  |      |
|--|------|
| 11. test if has instance of questService     | TRUE |
| 12. test if can load quests                  | TRUE |
| 13. test if can save new quest               | TRUE |
| 14. test if can update quest                 | TRUE |
| 15. test if can delete quest                 | TRUE |
| 16. test if can delete all quests of a story | TRUE |

### **skillService:**

- |  |      |
|--|------|
| 17. test if has instance of skillService | TRUE |
| 18. test if can load skills              | TRUE |
| 19. test if can save new skill           | TRUE |
| 20. test if can update skill             | TRUE |
| 21. test if can delete skill             | TRUE |

### **skillService:**

- |   |      |
|---|------|
| 22. test if has instance of xpService       | TRUE |
| 23. test if has right logic for calculation | TRUE |