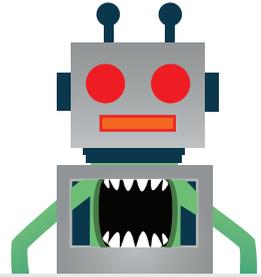# 30 DAYS
Automation in Testing

By Richard Bradshaw and Mark Winteringham

- [ ] **1** Look up some definitions for 'Automation', compare them against definitions for 'Test Automation'.
- [ ] **2** Begin reading an automation related book and share something you've learnt by day 30.
- [ ] **3** Explore the automation thread on The Club and contribute to the conversation.
- [ ] **4** What types of testing can automation support you with? Share an example.
- [ ] **5** Find, use and share your thoughts on a web UI testing tool.
- [ ] **6** Share what skills a team needs to succeed with automation in testing.
- [ ] **7** How do you choose which tools to use in your testing?
- [ ] **8** Demo some of your automation to 'non-technical' members of your team.
- [ ] **9** Find, use and share your thoughts on an API testing tool.
- [ ] **10** Delete an automated check from your current checks and share why you chose the one you deleted.
- [ ] **11** Compare and contrast mocking, stubbing and faking.
- [ ] **12** Read and share an interesting blog on Automation.
- [ ] **13** Share your favourite automation tool and why.
- [ ] **14** Find 5 automation in testing experts to follow on Twitter.
- [ ] **15** Find, use and share your thoughts on a JavaScript testing tool
- [ ] **16** Share the most valuable piece of automation being used by your team.
- [ ] **17** What advice would you give to someone looking to get started with automation in testing?
- [ ] **18** Find and share a useful video about automation in testing.
- [ ] **19** Share a resource on testability along with your thoughts about the topic.
- [ ] **20** Find a visual way of representing your automated checks e.g. a diagram, heatmap etc.
- [ ] **21** Try and speed up your automated checks execution time, and share what you tried.
- [ ] **22** Share your biggest frustration with automation in testing!
- [ ] **23** Find, use and share your thoughts on a visual testing tool.
- [ ] **24** Discuss your automation strategy with your team.
- [ ] **25** Share what actions you take to make your automation maintainable.
- [ ] **26** Find, use and share your thoughts on a mobile testing tool
- [ ] **27** Share all the tools, frameworks and libraries currently used in your automation along with why.
- [ ] **28** Pair with a developer and review some of your existing automation.
- [ ] **29** Share how you manage test data in your automated checks.
- [ ] **30** If you could create any test tool, what would that tool do?
- [ ] **Bonus:** Create and share a script that generates random data!

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