# Larva tutorial part 2 (hard)

### Working with clocks

Open “badlogins.lrv” from the examples provided and open one of the diagram that has been generated during compilation (this is available in the “larva” folder under the output directory specified for Larva compilation).

**Exercise**

1. Fix the script so that a bad state is reported if 3 consecutive bad logins occur within 10 seconds (possible solutions are available overleaf).
2. Create a User class and randomly associate a bad login with a user. Modify the property above such that it now applies for each user.