|  |  |
| --- | --- |
| D:\PAL\Logo_4_21_15\Logo_4_21_15\Primary Logo\png_files\EPAM_LOGO_Full_Color_RGB.png | CDP Automated Testing Mentoring Program  2018-Q4 |

# Module 9: Design Patterns in TA frameworks implementation

## home task

Implement the following design patterns in your solution from module 8

1. Page object pattern with at least 5 pages and 5 components
2. Page Factory or Component Factory
3. Multiple inheritance types (mixins or Object.assign())

Examples [here](https://github.com/VolhaShut/DesignPatterns)

1. Search code smells on your framework from previous module and refactor it

## Bonus TAsk

* Implement global singleton (world object) for automatically switching PO depending on which page we are on at the current moment.

## acceptance criteria

1. Page objects and components use multiple inheritance.
2. Page Factory or Component Factory is implemented.
3. Page objects have at least 5 pages and 5 components.
4. No code smells.