

Three educational observations related to the use of Scrum or other work methods.

- 1) Observation 1: The designated weekly meetings prove to be extremely helpful for the product owner and project's advisor to actively communicate with the developers and directly resolve any questions that the developers may have during the past week. This is akin to Daily Meeting in scrum but much longer and for a subset of developers in a work component instead of the entire group. This helps create a continuous feedback loop where progress is ensured incrementally every week
- 2) Observation 2: The Sprint Planning, Spring Review and Sprint Retrospective are merged together as one meeting that lasts 3 hours, which greatly reduces the frequent meetings that developers should attend. This is because these three events are nearly the same in purpose: organizing current WIP and transitioning from the current sprint to the next sprint, such as putting tasks on the backlog or burndown chart. Grouping them together is a wise strategy within Scrum methodology.
- 3) Observation 3: The use of Jira software is integral to the team's progress, such as the Sprint Backlog, the Dashboard which hosts WIP and also estimated workload measured in points and also the Jira Epics and Stories which helps developers and Product Owner to divide the tasks into hierarchical orders.

Summary of main contributions to the project since the previous entry

Contribution 1: I proposed and developed distinct stages of Machine Learning training for fake webshop classification. First stage is data processing, second stage is extracting non textual features (around 45 features engineered by another developer), third stage is extracting textual features in terms of TF-IDF vectors, fourth stage is training classifier and finally is making inference on the new website (fake or safe)

Contribution 2: I cooperated with another developer in engineering feature importance, which is crucial to the performance of the classifier since there are lots of noisy and irrelevant features.

Contribution 3: I gradually integrate the demo classifier into the source code together with 2 other developers, which is still WIP.