Test cases logica Pipeline-Pro

* Backlog state change
* Pipeline state change
* Sprint state change
* Observers
  + Notification Observer
* Observables
  + Backlog Item
  + Thread messages
  + Pipeline action
* Executing pipeline
* Observer subscribing on pipeline
* Observer subscribing on thread
* Observer subscribing on backlog item
* Observer unsubscribing on pipeline
* Observer unsubscribing on thread
* Observer unsubscribing on backlog item
* Notifying the observers
* Backlog item:
  + Koppelen developer
  + Koppelen tester
  + Toevoegen/verwijderen activiteit
  + Toevoegen/verwijderen thread
  + Uitvoeren van een state – toDo(), doing(), testing() etc.
* Sprint:
  + Toevoegen/verwijderen backlog item
  + Nieuwe staat geven
  + Updaten van een sprint
    - Is de sprint in SprintActive?
  + Checken of de scrum master een taak uitvoert – create(), start() etc.
  + Checken of een sprint een scrum master bevat
* Project:
  + Toevoegen/verwijderen sprint
  + Checken of het project een product owner bevat

Factories:

* User factory
  + Create users given on different parameters
  + Check on RegEx
* Team Factory
  + Create team with default name
  + Create team with developers
  + Create team with only a lead developer
  + Create team with only a scrum master
  + Check on RegEx
* Rapporten:
  + Adding a header and footer to the report
  + Exporting the report to either JPG, PNG or PDF
  + Generating reports
* Notification:
  + Receiving notification as scrum master when state changes on backlog item
  + Receiving notification as scrum master/product owner when pipeline is completed
  + Receiving notification as tester when backlog item is in the ready for testing state
  + Receiving notification as user when a reaction is posted on the thread
* Thread:
  + Cannot add new threads when backlog item is on state completed/done
  + User can add new reaction on thread