Lab 1 Assignment

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Customer: Home Improvement International (HII)

POS System

To do:
- Interviews to identify roles and requirements (user stories)
- List of 20 functional user stories
- List of 10 non-functional user stories
User Stories

As a tenant, I can unlock the doors to enter my apartment.

- user-role (benefactor)
- capability (functionality)
- business-value (motivation/rationale)

**who - what - why**

- Similar to NL requirements, but focus on the user benefits, instead on system characteristics (alone).
- Unfortunately, third element (business-value) is often ommitted
- Preferred technique in agile methods.
‘Normal’ User Story

<Actor/Role>  As a user

...  

<Action>  I want to narrow down people search results by location

...  

<Value>  so I can find the right person more quickly

A good User Story is:
- Independent
- Negotiable
- Valuable
- Estimable
- Small
- Testable

INVEST
‘Normal’ User Story

<Actor/Role> As a user

... I want to narrow down people search results by location

... so I can find the right person more quickly

Acceptance test:

Given I am on the search screen
And 'Paula' is on the same indexed page with 'Tartu'

When I search for 'Paula'
Then I see 'Tartu' in the location section of the search results
‘Non-Functional’ User Story

<Actor/Role> As a user ...

<Action> I want error messages to shown always at the same place of the screen ...

<Value> so I can easily detect them

A good User Story is:
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INVEST
‘Device’ or ‘System’ User Story

<Actor/System> As a web crawler

(Action) I need a URL dictionary without duplicates or dead links

(Value) so that the crawling process is faster

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INVEST
‘Technical’ User Story

<Actor/Role> N/A

... Implement Smart Distance Algorithm for multi-paragraph web-pages...

<Value> so that relevant and random connections between search entities could be distinguished

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INVEST