Acceptance Tests for Usability – Prototype 390

*Note: User(s) is referred to all employees and stakeholders at the company.

The following User Stories are what we have covered in the acceptance tests for both sprint #1 and #2:

As a manufacturing manager, I want to produce subparts and bicycles, so that the bicycle/subparts stock is always restored. [SPRINT 2]

As a manufacturing manager, I want to define products with different parts so that maximum levels of product customization is achievable. [SPRINT 2]

As a warehouse manager, I want to track inventory while taking location, current orders, backlogs, forecast production into consideration so that it is available for production. [SPRINT 2]

As a manufacturing manager, I want to edit the warehouse inventory so that changes can be reflected when clients order a bicycle, a worker produces a bicycle or warehouse manager orders parts. [SPRINT 2]

As a manufacturing manager, I want to track warehouse inventory so that the number of subparts and bicycles available is known.[SPRINT 2]

CHECK : User Registration & Role Assignment

As an IT developer, I want to give specific access rights to each user depending on their role so that we can restrict what every stakeholder can and cannot do.
As an IT developer, I want to add new user to the ERP system so that they can have access to the system depending on their autorisations

Scenario #1

- Given I have not been assigned specific access right, I click the last icon (profile plus) on the Menu
- When I click the the Profile Plus icon, I fill each field to create a new user and choose my appropriate role in Permission
- Then I click "create user"

Scenario #2

- Given I have been assigned specific access rights and I fill in the fields for email and password
- When I click the Login button
- Then I am presented with the Menu and can choose the pages I have been access to

CHECK : Bikes & Custom Parts

As a manufacturing manager, I want to produce subparts and bicycles, so that the bicycle/subparts stock is always restored.

As a manufacturing manager, I want to define products with different parts so that maximum levels of product customization is achievable. [SPRINT 2]

Scenario #1

- Given I'm signed in and click the bicycle icon on the Main Menu
- When I click "+" to add a Bike, the Bike Settings prompt will appear
- Then I select the preferred selection for each dropdown menu: size, colors, finishes, grades, and handlebar.
- Then I click add bike and the bike that was created is shown on the left side of the Bike Page

CHECK : Inventory & Raw Materials

As a warehouse manager, I want to track inventory while taking location, current orders, backlogs, forecast production into consideration so that it is available for production.

As a manufacturing manager, I want to edit the warehouse inventory so that changes can be reflected when clients order a bicycle, a worker produces a bicycle or warehouse manager orders parts.

As a manufacturing manager, I want to track warehouse inventory so that the number of subparts and bicycles available is known to the .

Scenario #1

- Given I'm signed in user and click the suitcase icon on the Main Menu
- There will be a table on the left side with all the bike parts
- When I click "+" to add a Bike part, the Bike inventory pop-up window will appear
- Then I type the part I want to add under Bike Part Settings
- Choose the material they wish to add by clicking on the button next to it
- Then they click on the button Add bike part
- The raw material of the added bike part will be displayed on the right table

UI Interfaces that were taken into consideration to make the system reliable and efficient:
- "+" sign: universally known for addition (of object or extra)
- Navigation bar used by the user to move around different windows/pages
    - With universal icon (e.g. calendar for scheduling)
- Logo displays the user who is currently logged in.

- Using slide bars, to explain if a production is in progress or not

Future Releases

As a manager, I want the messaging to support a driven work-flow process so that they can be used to create financial reports.