

Reúso Estratégico com LPS

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Objetivo (20/05)

Extrair especificação de LPS usando a abordagem PLUSS

Estudo de caso: eShop

Usar o sistema disponível em:

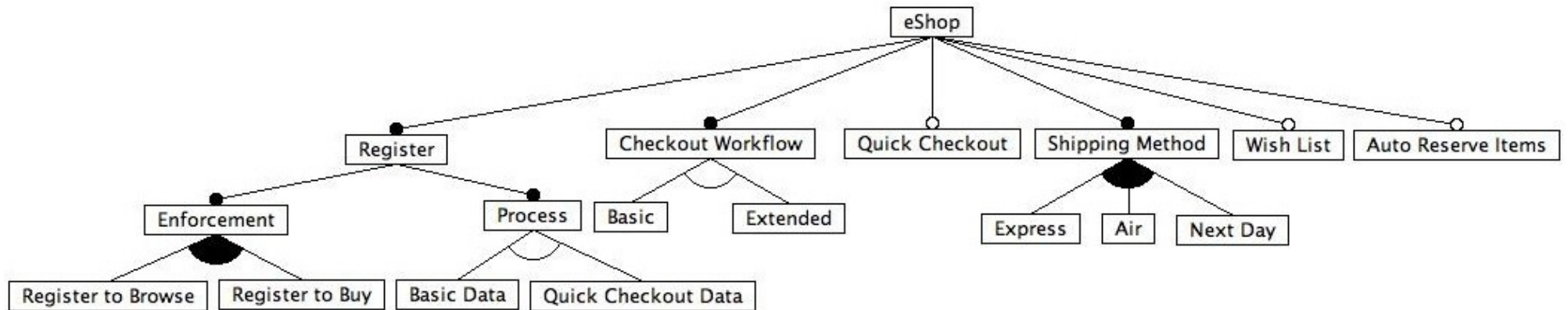
<http://172.17.116.172:8080/taes>

Login: usado na lista da disciplina

Senha: no primeiro acesso, usar '123'

Sistema disponível durante a aula.

eShop



Simplificação da linha usada em diferentes estudos de caso

Atividades

- Identificar os pontos comuns e variáveis das especificações
- Extrair variações para tornar as especificações reusáveis
- Definir técnica de composição entre o que é comum e o que varia
- Definir modelo de configuração

Exemplos

Produto 01 (add items to SC)

User Action	System Response
Browses through the product catalog, by providing a search criteria or selecting specific (sub) categories.	The system verifies that the user is not authenticated, requesting the user's login and password.
Fills in the requested information (login and password).	The system authenticates the user and creates the user session.
-	The system retrieves and shows the list of products that satisfies the search criteria or selected categories.
Selects a specific product.	The system shows the details of the selected product.
Selects the Add to Shopping Cart option.	The system requests the number of items of the specific product to add to the shopping cart. Default value equals to one.
Informs the number of items of the specific product to be added to the shopping cart.	The system updates the user's shopping cart, adding to it the amount of items of the specific product.

Produto 02 (add items to SC)

User Action	System Response
Browses through the product catalog, by providing a search criteria or selecting specific (sub) categories.	The system retrieves and shows the list of products that satisfies the search criteria or selected categories.
Selects a specific product.	The product's details are shown.
Selects the Add to Shopping Cart option.	The system requests the number of items of the specific product to add to the shopping cart. Default value equals to one.
Informs the number of items of the specific product to be added to the shopping cart.	The system updates the user's shopping cart, adding to it the amount of items of the specific product.
-	The system interacts to the inventory system, reserving the requested items that are available in the stock.
-	The system retrieves and show the expected delivery date for each unavailable item in the shopping cart.
-	The system presents the shopping cart's summary page.

Na técnica PLUSS

- Cenários contemplam tanto o comportamento comum quanto o variável ("tangling" em termos de cenários)
- Cenários e passos individuais são anotados com as features que "ativam" sua seleção durante a configuração de um produto