**Faculdade Metodista Granbery**

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**Teste de Software**

Juiz de Fora

2015

**RESUMO**

Foi desenvolvido um pequeno sistema de comércio eletrônico (E-Commerce), com o objetivo de simular uma loja que vende sapatos e calçados online.

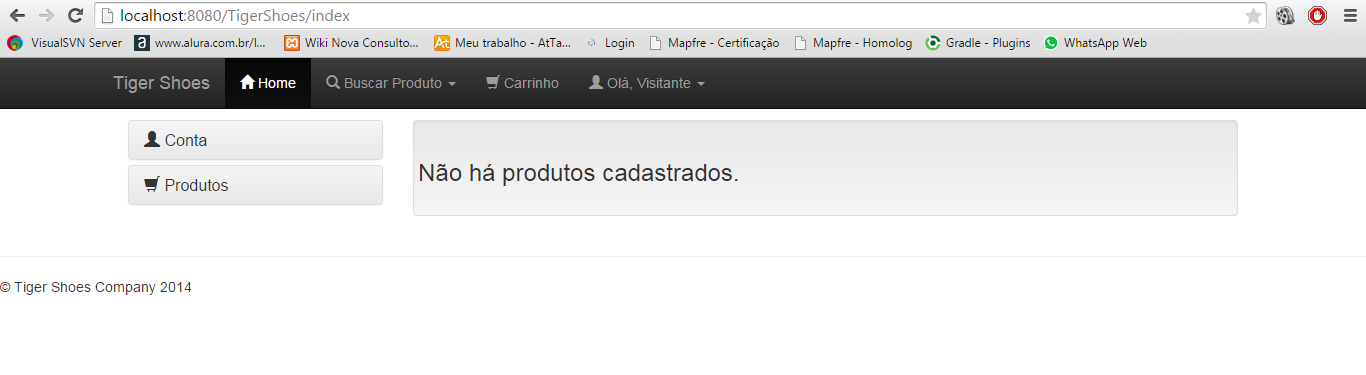
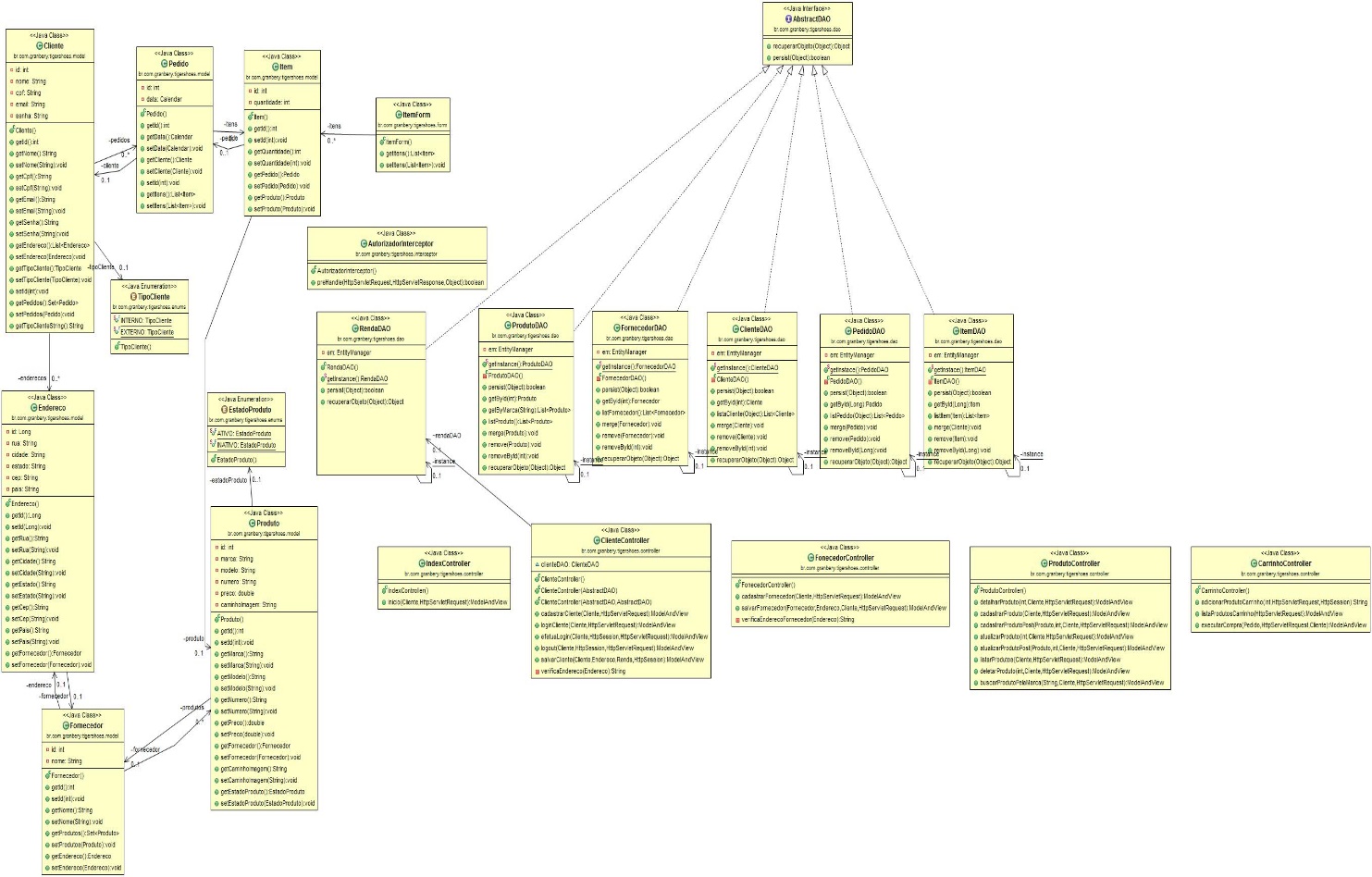
Este sistema permite que o cliente se cadastre e faça a compra de um produto. O sistema também permite gerenciar os produtos que são vendidos no site através de um usuário com perfil administrativo, também é possível cadastrar um fornecedor para um determinado produto.  
  


Diagrama de Classes:

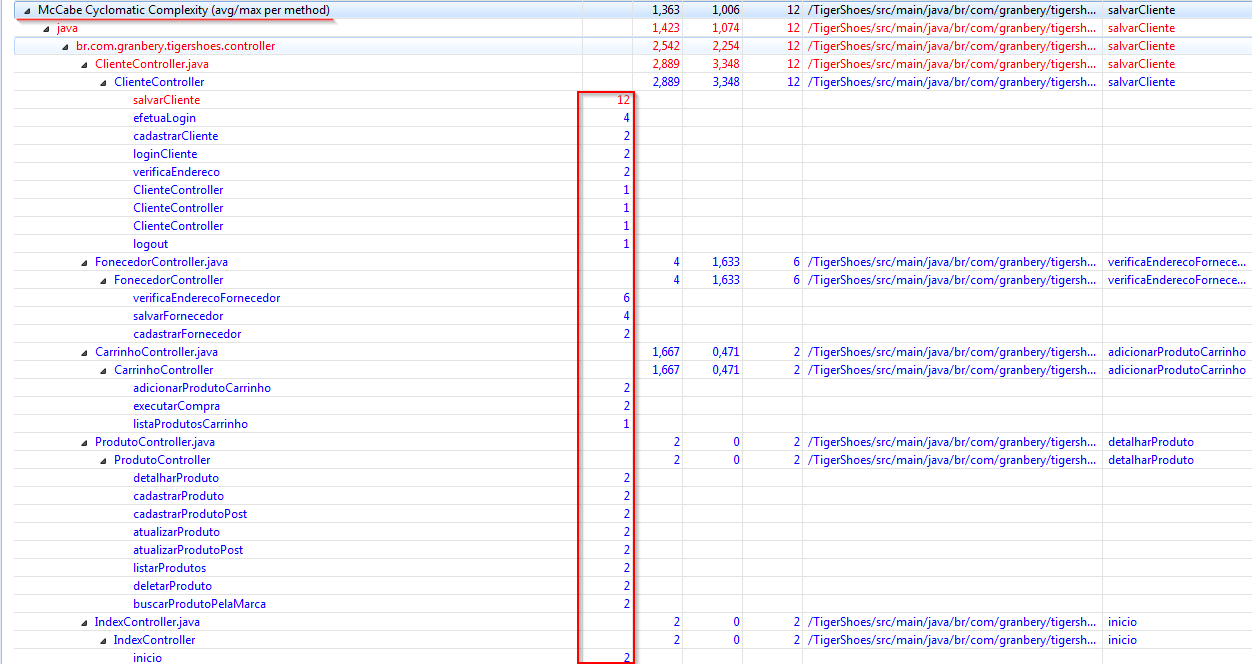


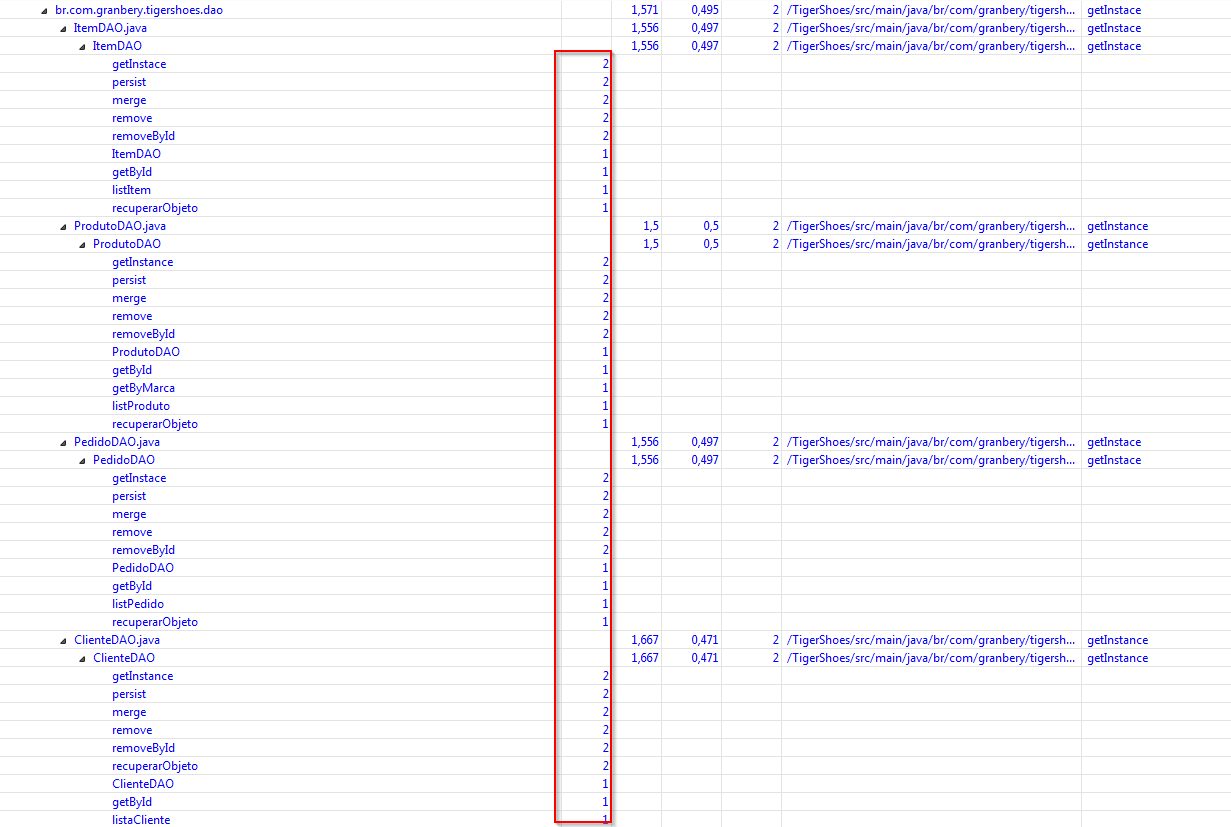
1. **Métricas de Chidamber & Kemerer e Lorenz & Kidd**

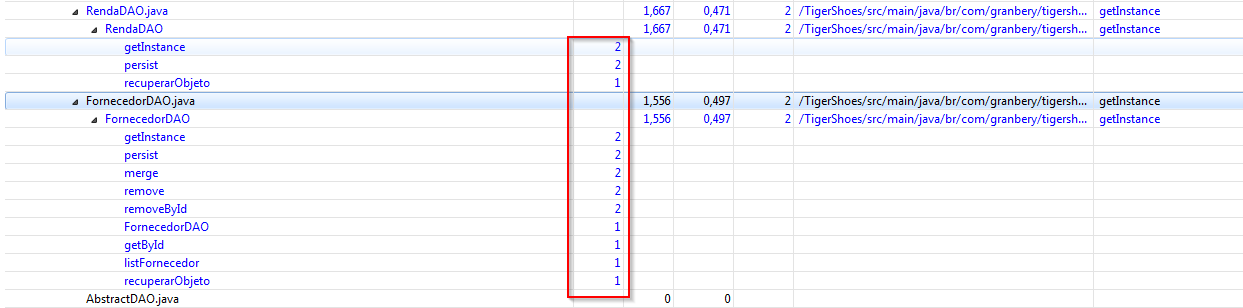
Segue planilha criada no **excel** com todas as métricas.



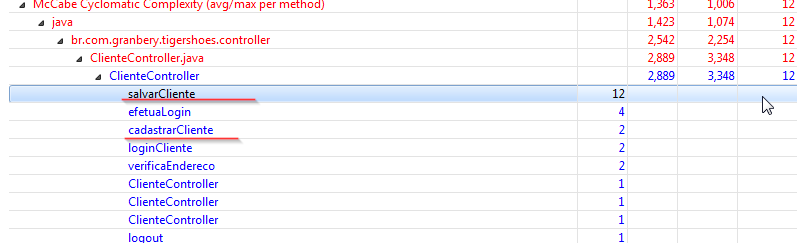
1. **Complexidade Ciclomática de McCabe**

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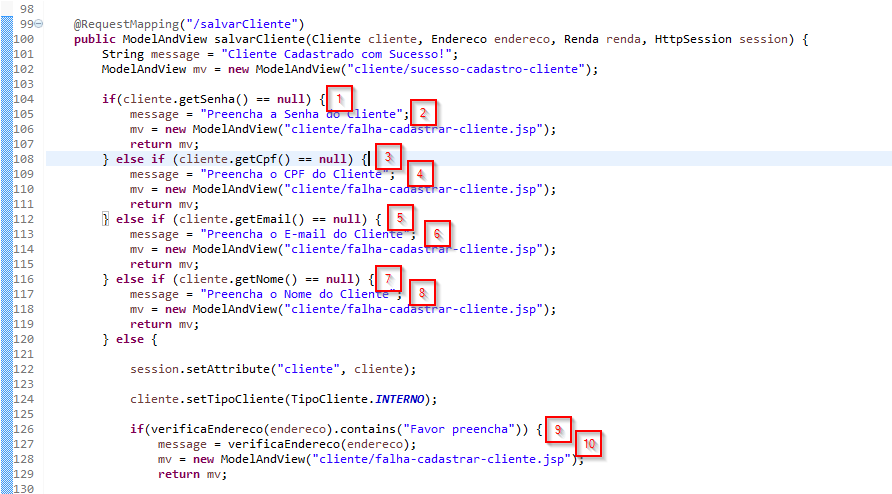
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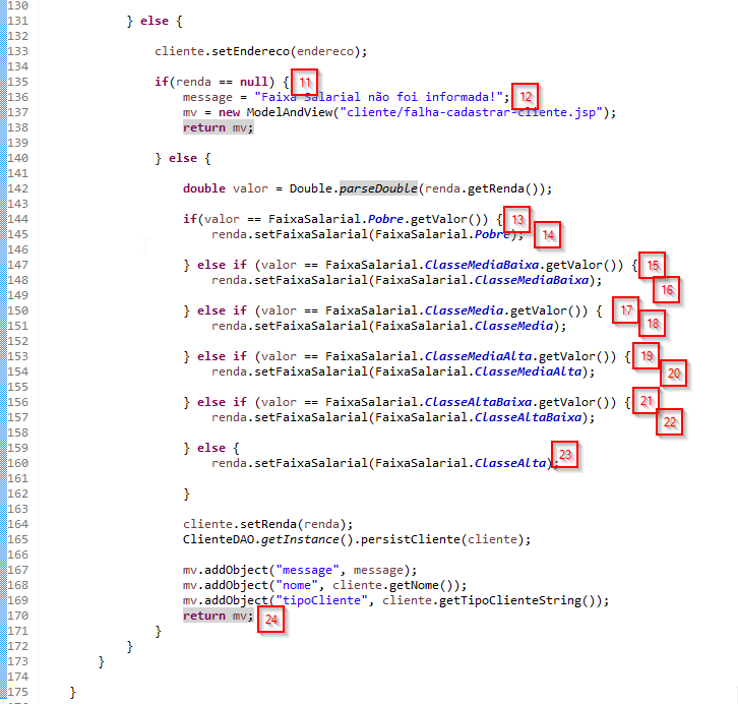
1. **Baseado nessas métricas identifique classes e métodos que devem ser mais testados.**

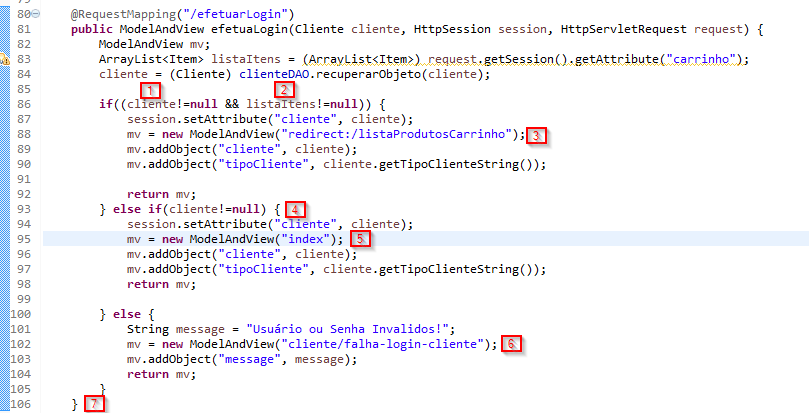
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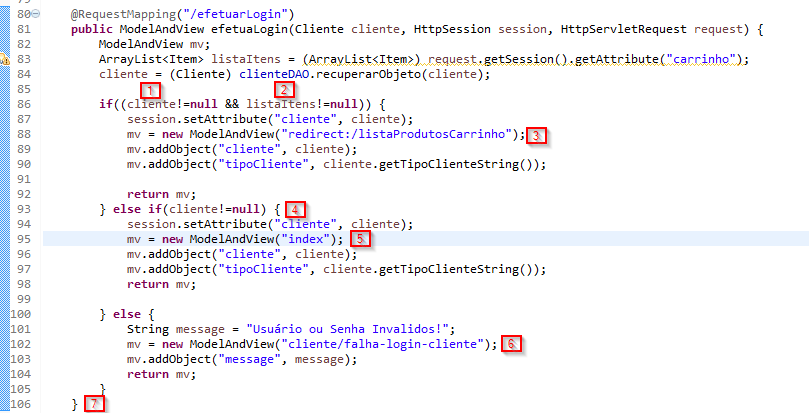
1. **Construa, manualmente, o grafo da complexidade ciclomática**

Método Cadastra Cliente





Método Efetuar Login

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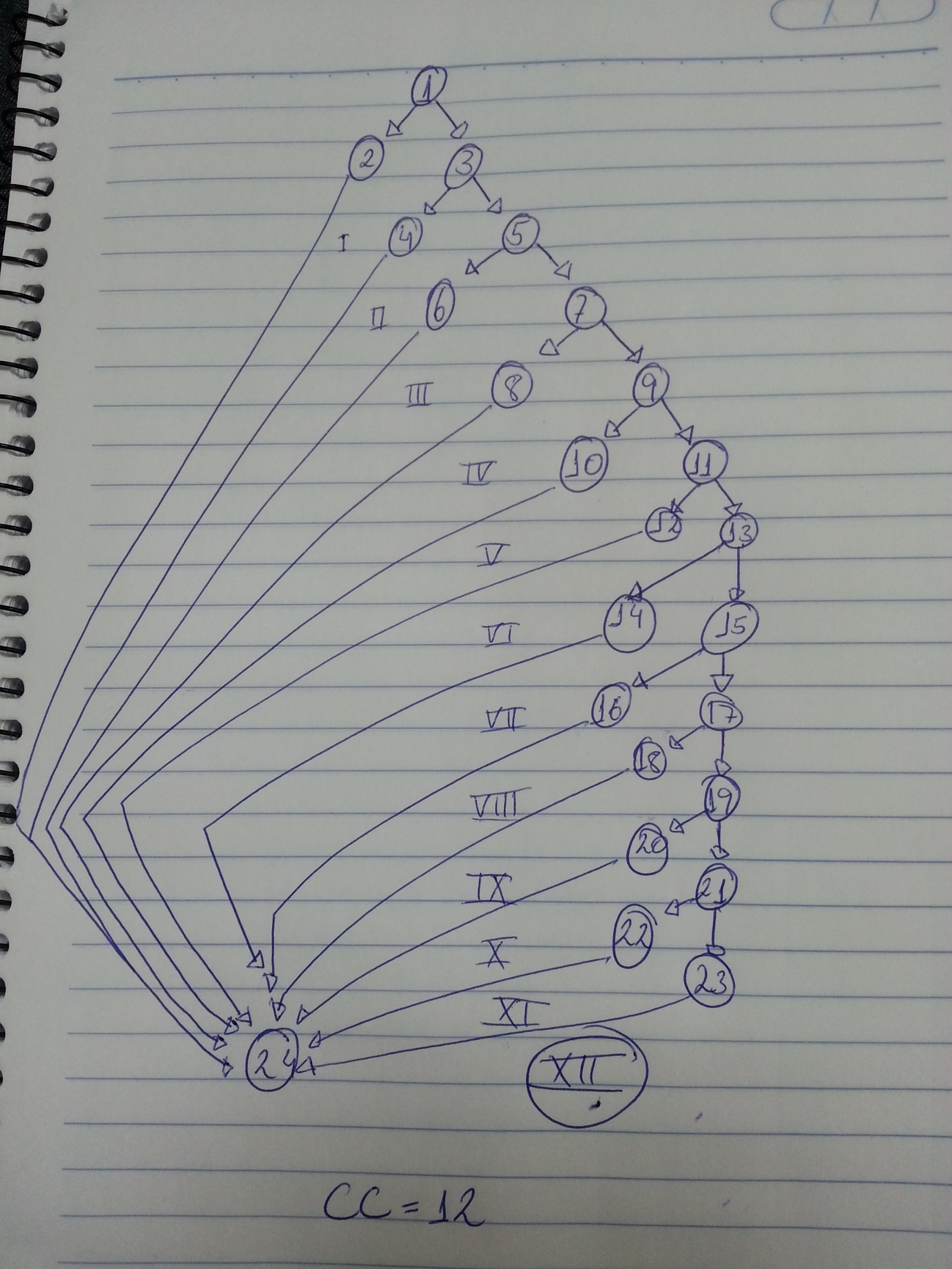
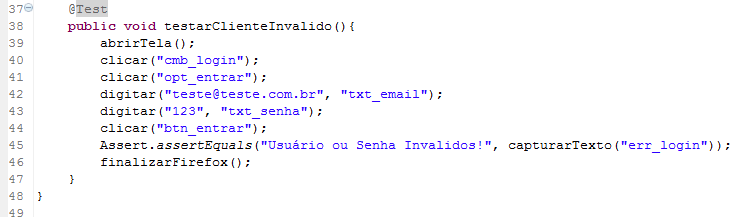
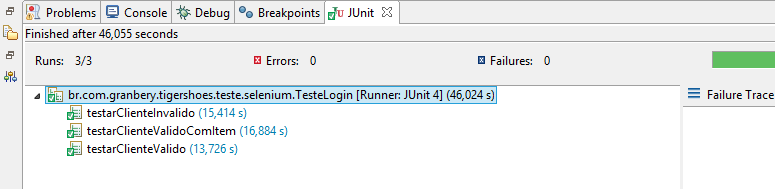


Figura 1 - Salvar Cliente

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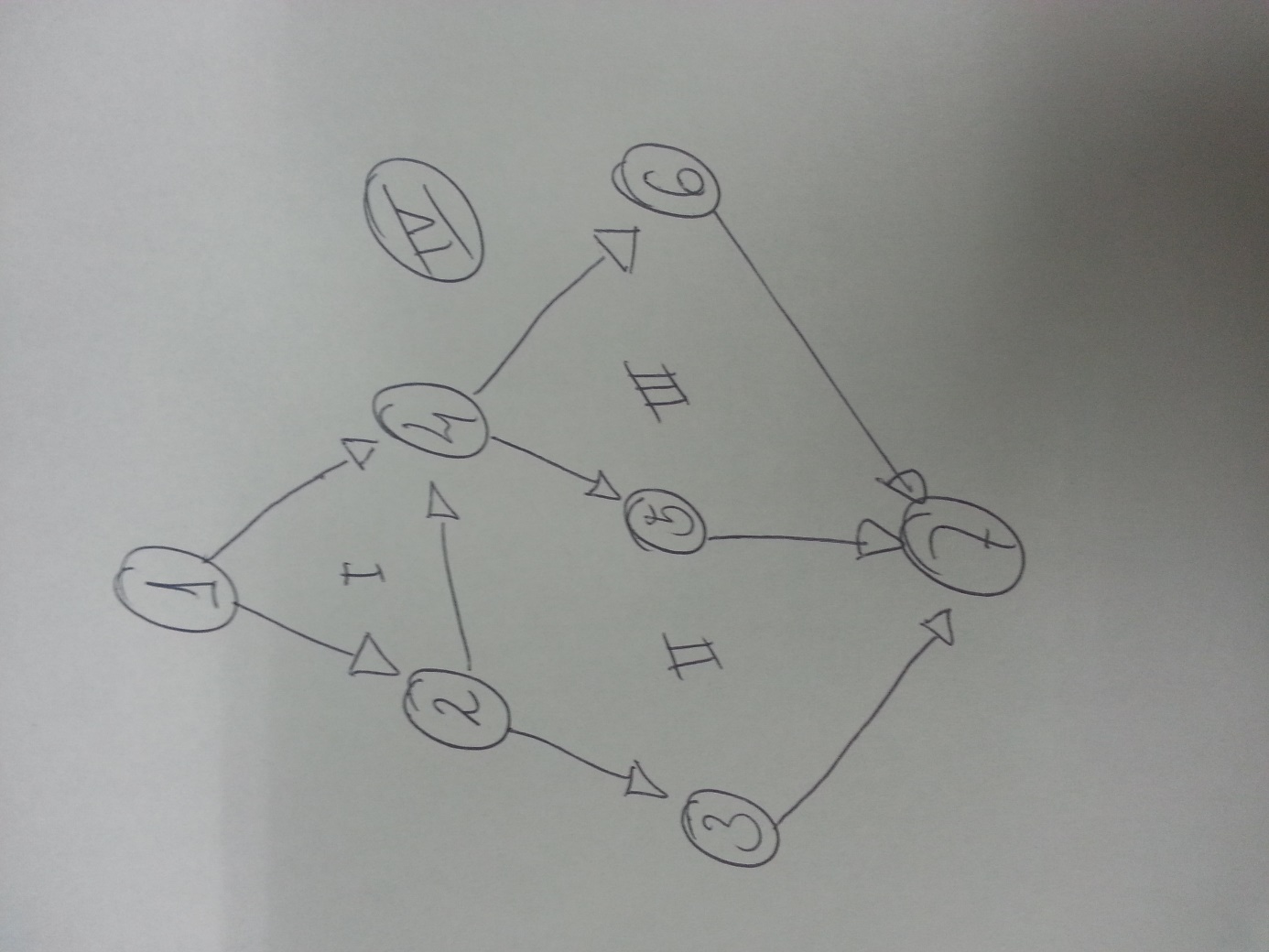


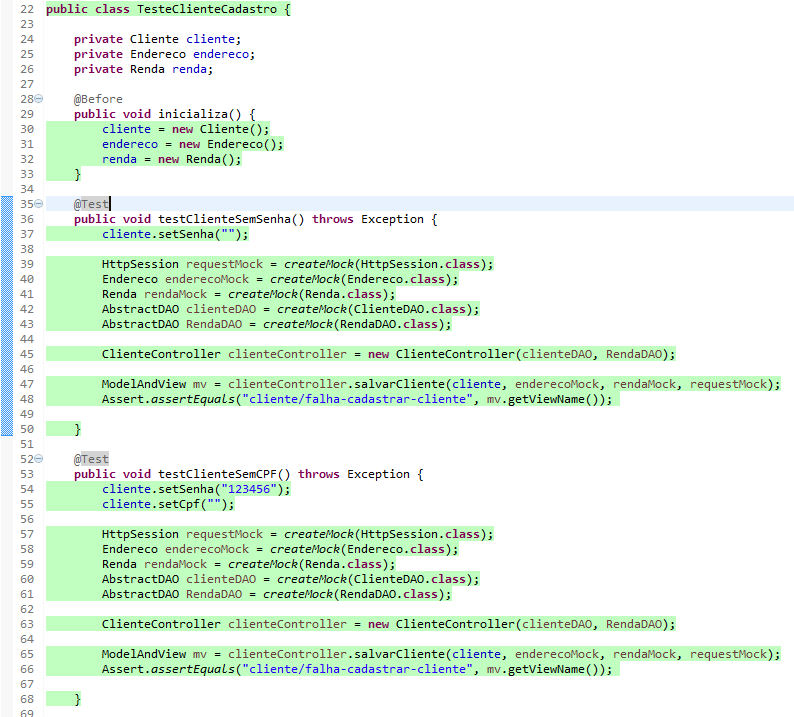
Figura 2 - Efetuar Login

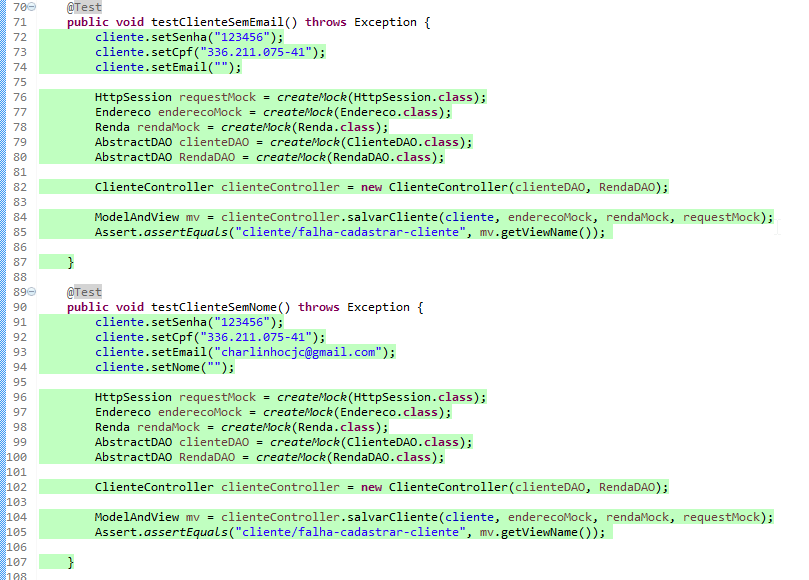
1. **Para esses métodos, construa uma tabela com os valores limites**

Segue tabela com a técnica de Análise do Valor Limite.



1. **Programe os casos de teste utilizando a ferramenta JUnit.**

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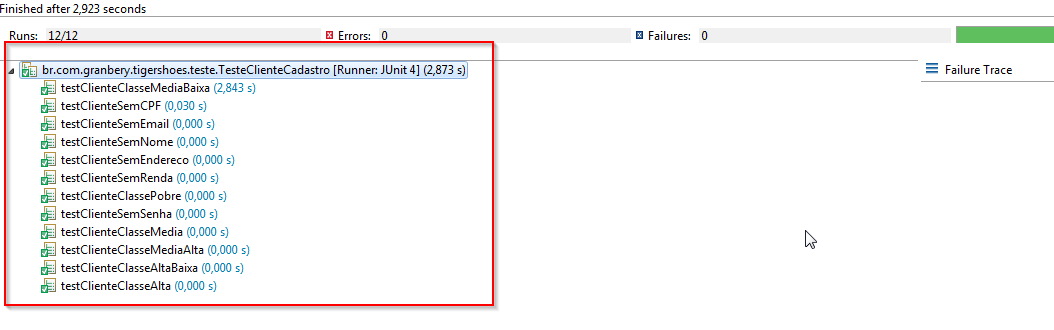
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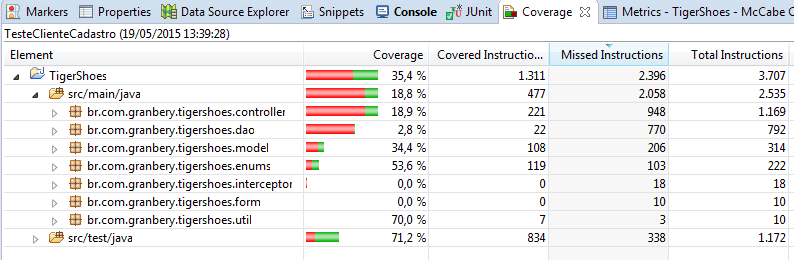
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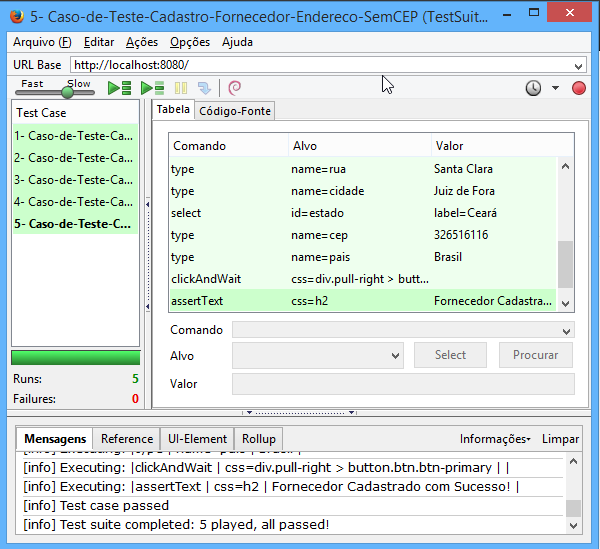
1. **Ferramenta de teste de cobertura**

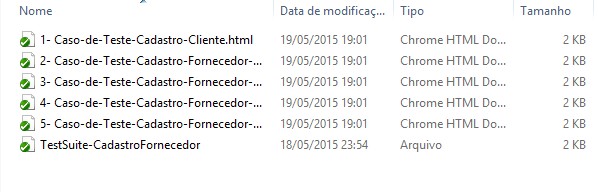
Utilizamos a ferramenta **Eclemma.**

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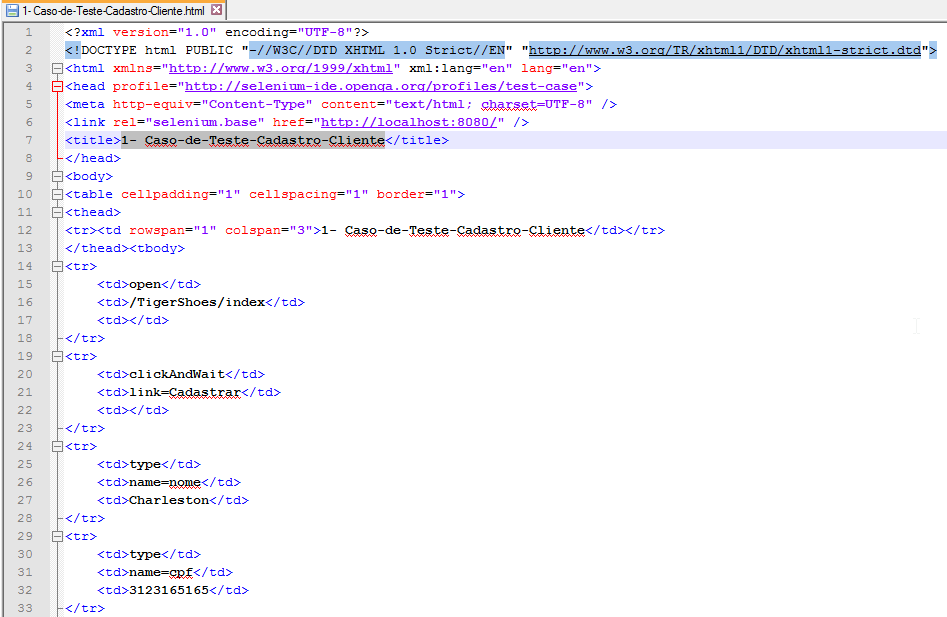
1. **Teste com Selenium**

Fizemos os testes com Selenium utilizando o pluguin Selenium IDE para o Mozilla Firefox.

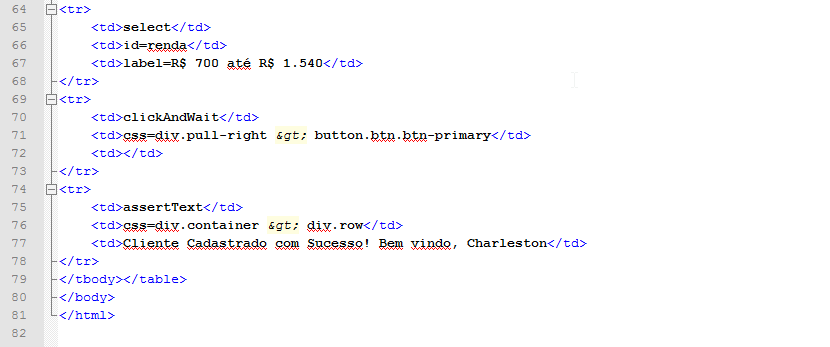


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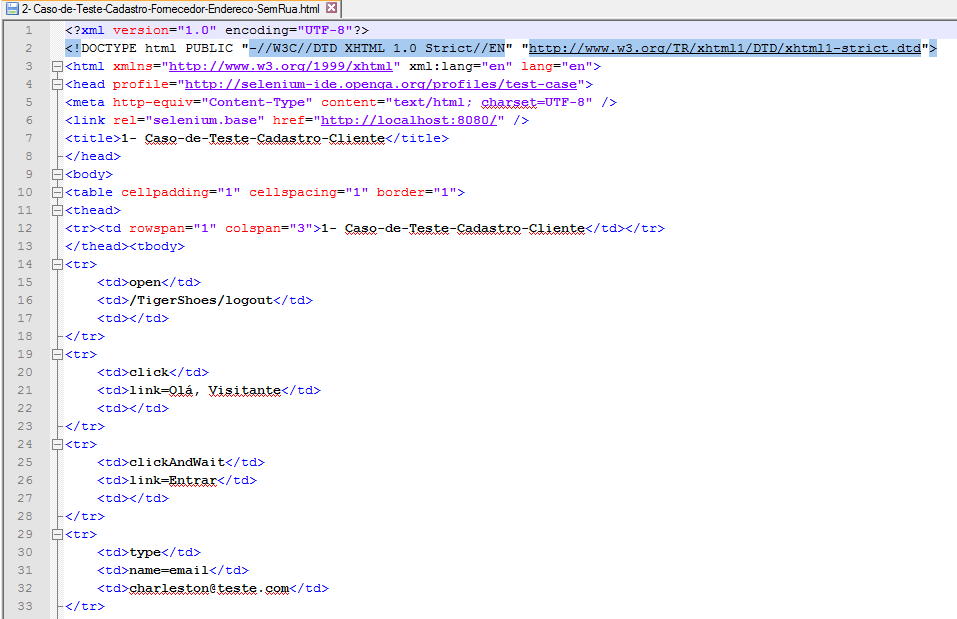
1. **Caso-de-Teste-Cadastro-Cliente**

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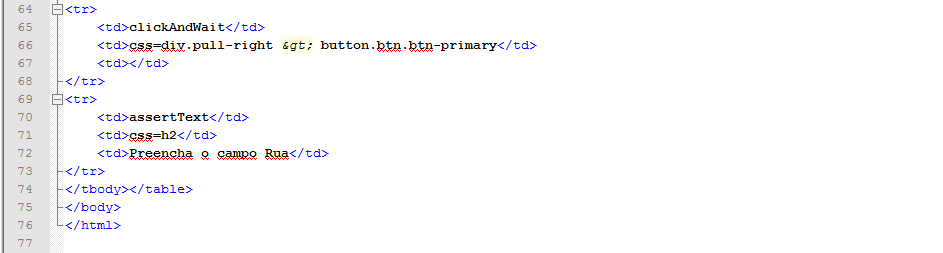
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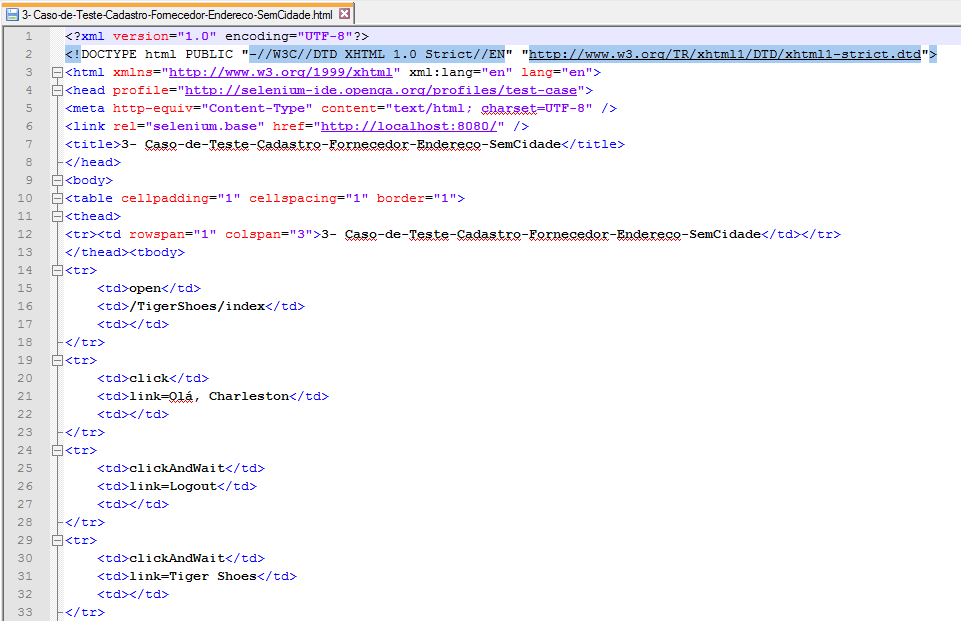
1. **Caso-de-Teste-Cadastro-Fornecedor-Endereco-SemRua**

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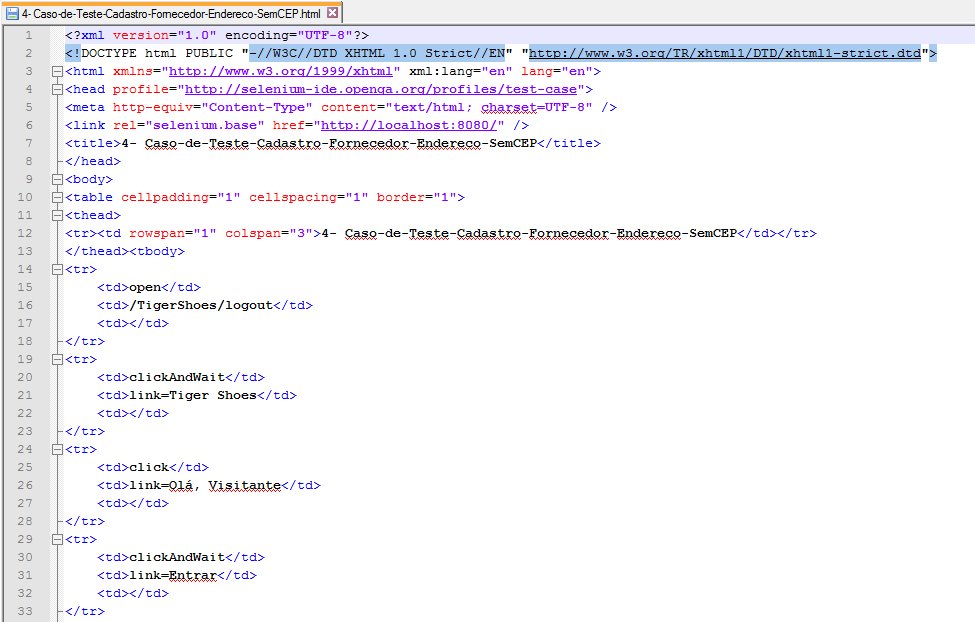
1. **Caso-de-Teste-Cadastro-Fornecedor-Endereco-SemCidade**

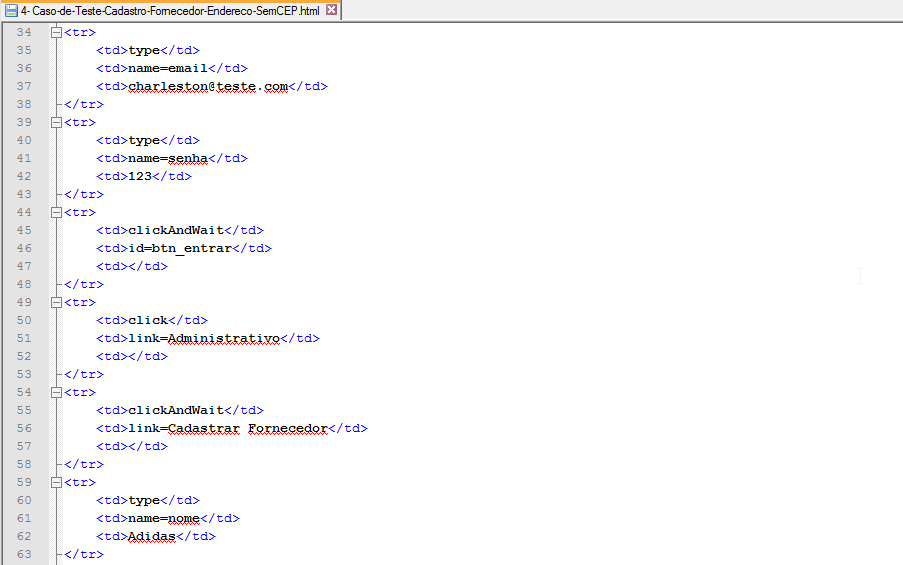
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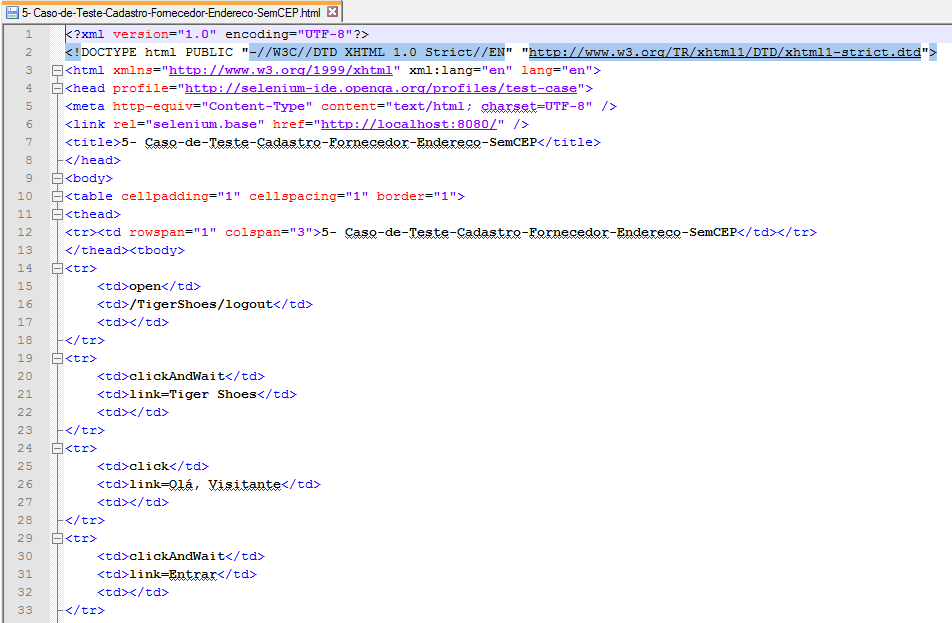
**4- Caso-de-Teste-Cadastro-Fornecedor-Endereco-SemCEP**

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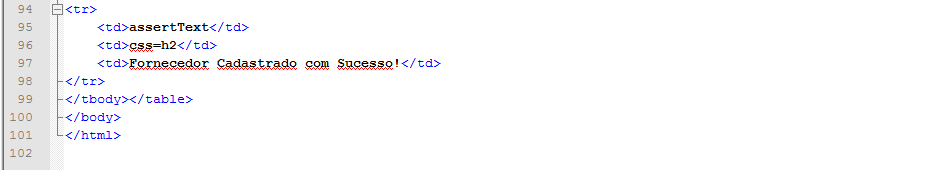
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**5- Caso-de-Teste-Cadastro-Fornecedor-Endereco-SemCEP**

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1. **Utilizar Mock**