

CookieOverflow

No exception is more delicious!

Gathering Requirements (XP Edition)

Status Report

- *Team meetings on Tue & Thu from 4:30 to 6:30 PM*
- *TextMate & NetBeans*
- *Git & Github for version control*
- *One 'master' with a branch for each member. Integration into master occurs during team meetings.*

Requirement Definition

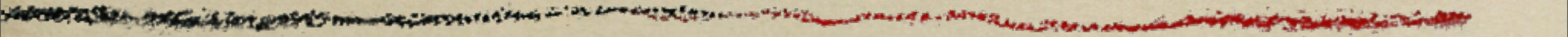
- *Clear Description of the Requirement*
- *Preconditions*
- *Postconditions*
- *Steps Taken to Get to the Use-Case*
- *Authentication and Authorization Levels Required*
- *Special Cases/ Edge Cases*
- *Optional UI Mockup or Flow Diagram*
- *Potential Issues*
- *Priority*


Requirements Management

- *Requirements might change*
- *New requirements might be added*
- *Customer might want to review progress and add suggestions*
- *Team members would want to evaluate progress and prioritize tasks*

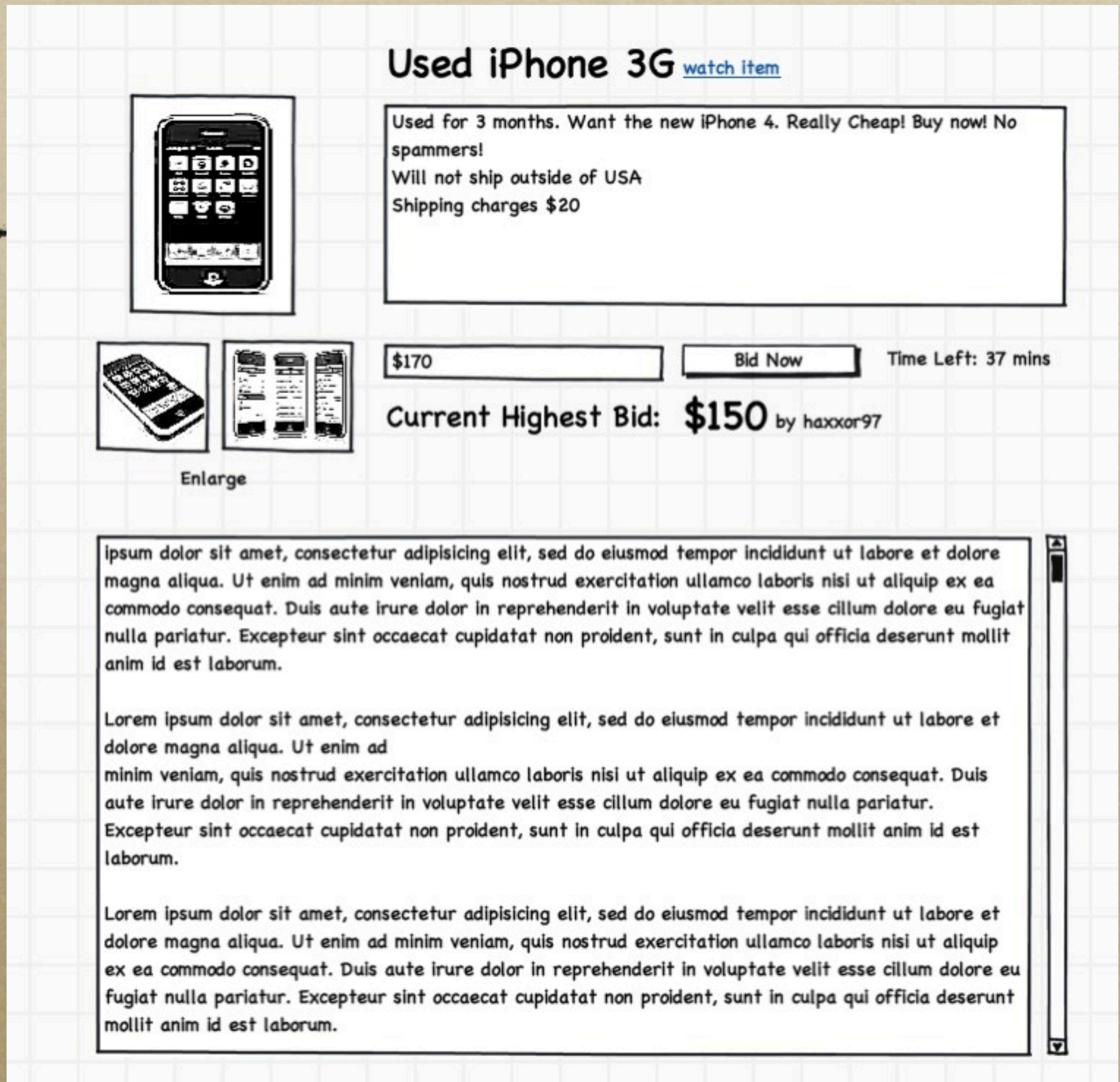
How can we do this effectively?

- *Pen and Paper?*
- *Powerpoint or Word?*



Thats not the way of the ^{xp} Jedi
Demo time! 

UI Mockups using Balsamiq



Password

Username

Screen Flow Visualization

Used iPhone 3G [watch item](#)



Used for 3 months. Want the new iPhone 4. Really Cheap! Buy now! No spammers!
Will not ship outside of USA
Shipping charges \$20

Time Left: 37 mins

Current Highest Bid: **\$150** by haxxor97

  [Enlarge](#)

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Used iPhone 3G [watch item](#)



Used for 3 months. Want the new iPhone 4. Really Cheap! Buy now! No spammers!
Will not ship outside of USA
Shipping charges \$20

You WON!
Your Bid: **\$170**

[Process payment and enter shipping details](#)

  [Enlarge](#)

What do I do with these requirements?

- *Write Specs in Cucumber*

```
Feature: User Accounts Management
  In order place new bids on the website
  As a new user
  I want register with the website

Scenario: New User Registration
  Given I am a guest on the website
  When I enter the registration page with username "foo" password "bar" and email "baz@bang"
  Then I should be able to login
```

- *Also have to write RSpec tests*

```
Buzzy:req_gatherer Buzzy$ rails generate rspec_scaffold user_account username:string password:string
```