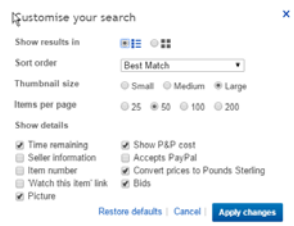
EBay Tire Store

- Time
  - Gap between display time and purchase time
  - Auction
    - End time
    - Time left
- Operations
  - Buyers
    - Listing
    - Subtopic
  - Sellers
    - Browsing
    - Purchase
    - Auction
      - Join
      - Monitor
      - Bail out
      - Lose
      - Win
    - Research
  - Builders
  - Testing
    - Review
    - Interaction
    - Automated checking
    - Performance evaluation
    - State tracking
  - Hackers
- Platform
  - Browser
    - Chrome
    - Firefox
    - IE
    - Safari
    - Opera
  - Base Platform
    - Computer
      - Display
      - Input
        - Keyboard
        - Mouse
    - Mobile
      - Display
      - Input
        - Finger/Stylus
        - Keyboard (e.g. Blackberry)
  - Operating systems
    - Windows
    - MacOS
    - iOS
    - Android
    - Blackberry OS?
  - Back-end dependencies
- Interfaces
  - Browser
    - eBay Search
      - Search bar
      - Category selector
    - Filters
    - Views
      - Gallery
      - Customized
      - List of items
        - Linked to selling page
  - APIs



- Structure
  - Client Side
    - 12 client-side scripts
  - Server side
    - Not much that we can know about this without help
    - Product database
    - Customer database
    - Auction engines
    - Build pages
- Function
  - Client-side
    - Display Items
    - Display Ads
    - Buy item
    - Links to related items
    - Change view
    - Account
      - Sign in
      - Register
    - Cookies
  - Server side
    - Search
    - Filters
      - Sales models
        - All Listings
        - Auction
        - Buy Now
      - Size
        - Section width
        - Aspect ratio
        - Rim Diameter
      - Tyre type
        - All-weather
        - Summer
        - Winter
      - Brand
        - ~ 50?
      - Speed rating
    - Sort
      - Lowest price + P&P
      - Highest price + P&P
      - Highest price
      - Lowest price
      - Newly listed
      - Ending soonest
      - Nearest First
- Data
  - Product
    - Price
      - Selling price
      - List price
    - Description
      - Title (link)
      - Promotion
    - Image
  - Vendor
  - Sale
    - Type
      - Buy now
      - Auction
    - Delivery
      - Type
      - Cost
      - Subtopic
  - Auction
    - Start
    - Finish
    - Elapsed time

- Testing
  - Bugs
  - Issues
    - How much of this is just a big filter on the worldwide eBay site?

    - What does "include description" do? (1)
    - What is the scope of the testing the tyre store? How much of this stuff is eBay wide? (3)
  - Risks
    - Victims
      - Sellers
        - Confusing selection for buyers threaten sales for sellers
        - Broken filters mean products won't sell
        - Subtopic
      - Buyers
        - Interface
          - Confusing
          - Broken
        - Security
          - Privacy
          - Identity theft
      - Testers
        - Testability
          - Test environments
          - Project-related testability
            - Access to designs and specs
            - Access to programmers
            - Organizational complexity
          - Intrinsic testability
            - Visibilty
            - Controllability
            - Complexity
            - Bugginess
            - Clarity of source code
          - Subjective testability
            - How much is knowing about tyres an issue here?
    - General
      - Items hard to find
      - Items missing
      - Items will be mis-described
      - Item not available for sale
      - Item not added to cart
    - Vulnerabilities
      - How much personal data is retained?
        - Where?
      - Security
        - Disruption of auction
        - Denial of service
        - Identity theft
        - Credit compromise
      - Performance
      - Reliability
        - Robustness
        - Failover
      - Usability
      - Scalabilty
  - Test ideas
    - Chaos monkey
  - General Notes