Project Features List Template

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| **Final Overall System Features** | **Category** | **Possible Points** | **Points** | **Comments / Code Files** |
| **Documentation (10 total points)** | | | | |
| Executive Summary (up to 1 page) | Core | 2 | 2 | Viewable on index.jsp |
| System Features (2 pages) | Core | 2 |  |  |
| Walkthrough with screenshots (up to 15 pages) | Core | 6 |  |  |
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| **Hosting (10 total points)** | | | | |
| Running on cloud server | Advanced | 10 |  |  |
|  | | | | |
| **Main/Home Page (up to 14 total points)** | | | | |
| Search for a product by name | Core | 1 | 1 | Implemented on listprod.jsp in search bar |
| Browse products by category | Core | 1 | 1 | Implemented on listprod.jsp as dropdown menu |
| List products (by search/browse) | Core | 1 | 1 | Listed products can be found on listprod.jsp |
| List products with image | Core | 1 | 1 | All products have images viewable on product.jsp (does not work on chrome) |
| Page header with menu | Basic | 1 | 1 | Index.jsp has a header with navigation to all pages |
| Page header shows current logged in user | Basic | 1 | 1 | Current logged in user is displayed in the header of index.jsp |
| Dynamic products on page based on sales | Basic | 2 | N/A | N/A |
| Improved UI (user-friendly, images, etc.) | Basic | 2 | 2 | Image exists for each product, base Lab8 UI is utilized |
| Product recommendation based on user | Advanced | 4 | 4 | See ‘Buy it again’ at bottom of index.jsp, note must be logged in. Products are recommended based on if that product was previously purchased. |
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| **Shopping Cart (up to 8 total points)** | | | | |
| Add to shopping cart | Core | 1 | 1 | Clicking add to cart on listprod.jsp or product.jsp adds the item to your shopping cart viewable on addcart.jsp |
| View shopping cart | Core | 1 | 1 | Shopping cart is viewable by either clicking view cart in the header of listprod.jsp or when you click add to cart in listprod.jsp or product.jsp |
| Update quantity (with data validation) | Basic | 1 | N/A | N/A |
| Remove item from shopping cart | Basic | 1 | N/A | N/A |
| Improved formatting/UI (e.g. in header bar) | Basic | 1 | N/A | N/A |
| Cart stored in database between sessions | Basic | 3 | N/A | N/A |
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| **Checkout (up to 9 total points)** | | | | |
| Checkout with customer id | Core | 1 | 1 | You are required to be logged in to checkout and when checkout is done the database is checked for a valid user |
| Checkout with payment/shipment info | Basic | 2 |  |  |
| Checkout with data validation | Basic | 2 | 2 | When checking out log in must be done and all values are validated to ensure correct input type and non-empty. |
| Multiple shipments per order supported | Advanced | 2 | N/A | N/A |
| Calculate taxes/shipping (by items/state) | Advanced | 2 | N/A | N/A |
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| **Product Detail Page (up to 2 total points)** | | | | |
| Product detail page and item description | Core | 1 | 1 | Product.jsp displays product information as well as the description found in the database |
| Product detail has an image from database | Core | 1 | 1 | Product.jsp calls image paths from the database and displays them |
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| **User Accounts/Login (up to 12 total points)** | | | | |
| Create user account page | Basic | 2 | 2 | A new account can be created on createAccount.jsp |
| Create account with data validation | Basic | 2 | 2 | When an account is created all values are checked to be non-null and the database is checked for usernames that already exist |
| Edit user account info (address, password) | Basic | 2 | 2 | All account information can be edited in editaccount.jsp |
| Login/logout | Core | 1 | 1 | There are login and logout buttons in the header of index.jsp. Implementations can be found in login.jsp and logout.jsp |
| Register user/Forgot password email | Advanced | 4 | N/A | N/A |
| Page listing all orders for user | Core | 1 | 1 | UserAccount.jsp lists all orders for the logged in user |
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| **Product Reviews (up to 5 total points)** | | | | |
| Ability to enter a review on a product | Basic | 2 | 2 | Reviews can be left on product.jsp. Note you will need to have bought the product before, not left a previous review, and may be forced to log in multiple times |
| Display product review on product detail page | Basic | 1 | 1 | Product.jsp has all reviews listed at the bottom of the page |
| Restrict to one review per user on item purchased | Advanced | 2 | 2 | Users can only review an item once and they must have bought it. This is checked in review.jsp |
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| **Warehouses/Inventory (up to 5 total points)** | | | | |
| Display item inventory by store/warehouse | Basic | 2 | 2 | All warehouses and their products are displayed in warehouse.jsp. You can navigate to here through the admin portal (must be logged in) |
| Edit item inventory by store/warehouse | Advanced | 3 | 3 | At the bottom of warehouse.jsp there is an update inventory box that allows editing of product quantities. Update statement is implemented in warehouse.jsp. |
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| **Administrator Portal (up to 19 total points)** |  |  |  |  |
| Secured by login | Core | 1 | 1 | If you click admin on index.jsp and are not logged in you will be redirected to login.jsp |
| List all customers | Core | 1 |  |  |
| List report showing total sales/orders | Core | 1 | 1 | Admin.jsp has all sales listed |
| Report with a graph | Advanced | 3 |  |  |
| Add new product | Basic | 2 |  |  |
| Update/delete product | Basic | 2 |  |  |
| Change order status/ship order | Basic | 1 |  |  |
| Upload a photo to file system for product | Advanced | 2 |  |  |
| OR: Upload a photo to database for product | Advanced | 4 |  |  |
| Database restore with SQL script | Basic | 2 | 2 | Clicking reload under Reload Database on admin.jsp will run loaddatabase.jsp. |
| Add/update warehouse, customer | Basic | 2 |  |  |
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| **Database System/General** |  |  |  |  |
| Implement some validation using triggers | Advanced | 2 |  |  |
| Use AJAX for some pages | Advanced | 4 |  |  |
| User interface and navigation/usability |  | Up to 5 |  |  |
| *Others (your suggestions)* |  | Up to 5 |  |  |
| Imbedded Instagram page for waterbottle on index.jsp |  |  | 1 |  |
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| **Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)** |  |  |  |  |