

## Development Project Features List Template

Final Overall System Features	Category	Possible Points	Points	Comments / Code Files
<b>Documentation (15 total points)</b>				
Executive Summary (up to 1 page)	Required	2		
System Features (2 pages)	Required	2		
List of Web and AI sources used	Required	3		
Walkthrough with screenshots (up to 15 pages)	Required	8		
<b>Hosting (10 total points)</b>				
Running on a cloud server	Advanced	10		
<b>Main/Home Page (up to 14 total points)</b>				
Search for a product by name	Core	1		Lab 7
Browse products by category	Core	1		Lab 7
List products (by search/browse)	Core	1		Lab 7
List products with image	Core	1		Lab 8
Page header with menu	Basic	1		
Page header shows the current logged-in user	Basic	1		Lab 8
Dynamic products on homepage based on sales	Basic	2		
Improved UI (user-friendly, images, etc.)	Basic	2		
Product recommendation based on the user	Advanced	4		
<b>Shopping Cart (up to 8 total points)</b>				
Add to shopping cart	Core	1		Lab 7
View shopping cart	Core	1		Lab 7
Update quantity (with data validation)	Basic	1		
Remove item from shopping cart	Basic	1		
Improved formatting/UI (e.g. in header bar)	Basic	1		
Cart stored in database between sessions	Basic	3		
<b>Checkout (up to 9 total points)</b>				
Checkout with customer id	Core	1		Lab 7
Checkout with payment/shipment info	Basic	2		
Checkout with data validation	Basic	2		
Multiple shipments per order supported	Advanced	2		Note: Requires DB change.
Calculate taxes/shipping (by items/state)	Advanced	2		Note: Requires DB change.
<b>Product Detail Page (up to 2 total points)</b>				
Product detail page and item description	Core	1		Lab 8
Product detail has an image from database	Core	1		Lab 8

<b>User Accounts/Login (up to 12 total points)</b>				
Create user account page	Basic	2		
Create account with data validation	Basic	2		
Edit user account info (address, password)	Basic	2		
Login/logout	Core	1		Lab 8
Register user/Forgot password email	Advanced	4		
Page listing all orders for logged in user	Basic	1		
<b>Product Reviews (up to 5 total points)</b>				
Ability to enter a review on a product	Basic	2		
Display product review on product detail page	Basic	1		
Restrict to one review per user on item purchased	Advanced	2		
<b>Warehouses/Inventory (up to 5 total points)</b>				
Display item inventory by store/warehouse	Basic	2		
Edit item inventory by store/warehouse	Advanced	3		
<b>Administrator Portal (up to 18 total points)</b>				
Secured by login	Core	1		Lab 8
List all customers	Basic	1		
List report showing total sales/orders	Basic	1		
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	Core	1		Lab 7
Add/update warehouse, customer	Basic	2		
<b>Database System/General</b>				
Implement some validation using triggers	Advanced	2		
Use JavaScript validation for some pages	Advanced	4		
User interface and navigation/usability		Up to 5		
<i>Others (your suggestions)</i>		Up to 5		
<b>Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)</b>				