

Win Web Test 02

Write web application (ASP.NET, C#, **ADO.net**, require candidate to use **Kendo UI** or **AngularJs** or **knockout**)

The application includes main functions:

List/ add / edit / delete.

Product Expired Date Status

Name	Price	Quantity	Expired Date	Total (Price x Quantity)		
product A	\$20	30	20.03.2018	\$600	<input type="button" value="Add"/>	
					<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
					<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

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The application has the following features:

- Products list (Name, price, quantity, color, expiry date).
- Sort by column, divide page.
- Each line is respective with one color of product.
- [Search] according to categories: name, expiry date, status (old, new,...), as image above. (When no filling in categories to search, default is all)
- [Reset] to clear categories to search (display all data)
- When clicking on buttons [Add], [Edit] as the image above, it will display pop-up. Pop-ups include information (Name, price, quantity, expiry date, status, color). Mandatory fields: ProductName, Status, Expired Date. The program allows user to choose any color.
- When [Delete], does it need to confirm "delete" or not?

Deliverable

- Guideline to deploy
- Full source code
- Dump file of database
- Document to explain about the result

The result of candidate will be reviewed on aspects:

- User Interface: nice look, easy to interact with application...
- Functionality: work properly, no error, no crash. Validate data...
- Structure: N-tier architecture, MVVP, MVC is an advantage...
- Coding style: object oriented programming, good variable naming, comment in code, nicely indent...

The database

There are 2 tables in database:

Product

Id
StatusId
ProductName
Price
Quantity
Color
ExpiredDate
CreateDate

Status

Id
Name
CreateDate

Required: use MS SQL Server (2008 or 2012)

Note: for data in Status table, candidate can hardcode