Signation Software

Introduction

SmartShelf is an application written in C# that allows shopkeepers to automatically generate planograms for a custom shelving layout. By using SmartShelf you can quickly generate a profitable shelving layout based on given criteria. Save hours of time manually trying different arrangements, SmartShelf's algorithm tries hundreds of combinations and makes informed decisions about the product arrangement.

8			Sm	artShelf				×	
Home	Products	Categories	Subcategories	Promotions	Arrangemen	ts			
- Ad	d Product	Category: A	I ~ S	ubcategory:	Name:				
Product	Name			Dimensions	Profit	Purchase T		^	
Paperpal	mechanical	pencils 4 pack		8 × 16	1.5		1	x	
Paperpal	mechanical	pencils 6 pack		10 x 16	1.49		1	×	
Paperpal	mechanical	pencils 10 pack	¢	12 x 16	1.79		1	X	
Basic wo	oden pencil 4	1 pack		6 x 14	0.6	0.6			
Basic wo	oden pencil 8	3 pack		8 x 14	0.6	0.6			
Basic Me	chanical Pen	cils with eraso	r 4 pack	5 x 16	1.2		1	×	
Hopkins	Premium Per	Blue		8 x 20	12		/	X	
Hopkins	Premium Per	Black		8 x 20	12		1	×	
Hopkins	Premium Per	Red		8 x 20	12		/	X	
Hopkins	Premium Fou	intain Pen		8.5 x 20	8		1	X	
Basic Ball	Point Pens	Blue 4 Pack		12 x 16	1.49			X	
Basic Ball	Point Pens	Black 4 Pack		12 x 16	1.49		1	×	
Basic Bal	Point Pens	Red 4 Pack		12 x 16	1.49		1	X	
				10 15	1.10		1	No. Y	

Manage Products, categories and promotions

Features

Flexibility – SmartShelf is designed to meet a broad range of user's needs. It will run on even the slowest of computers and does not require an internet connection to generate planograms.

Manage products - Manage your product catalogue, categorising them into two tiers of category. Easily search through the catalogue and edit product and category details.

Create Promotions - Create promotions that affect the profitability of your products. Promotions can even involve weather data to allow for further personalisation.

Create Shelving Arrangements - Use the intuitive interface to build shelving arrangements like those in your shop. Assign products to the shelves and use priorities to say which blocks are better than others.

Generate Planograms - SmartShelf uses its proprietary shelf space allocation algorithm to generate a planogram in PDF format almost instantaneously. Planograms are clear and useable, saving you hours of tedious product arrangement. Generate several planograms for a shelving arrangement to compare different strategies, use the planograms improve your current store layout.



Create shelving arrangement and select products



								Book	5		
								1 - Adult Books			
								Ref	Product Name	Price	
								1	Warzone 1	£10.9	
							- 1	2	Warzone 2	£16.9	
							- 1	3	Warzone 3	£10.9	
							- 1	4	Warzone 4	£18.9	
							- 1	5	Warzone 5	\$10.9	
								8	Romantic Engagement 1	£14.9	
				_	-	_	_	7	Romantio Engagement 2	£14.9	
			1					8	Romantic Engagement 3	£14.9	
-	1-4	1-5	1-5	2-7	1-8	1	9	9	Romantic Engagement 4	£14.9	
1 2 3								10	Romantic Engagement 5	£14.9	
				7	-	-		2 - Non-Fiction			
3-10	2-1	2.2	213	24	28		2-6	Ref	Product Name	Price	
10	2.1	2.2	213	2.4		2	210	1	Pocket Dictionary	£5.99	
								2	Pocket Thesaurus	25.99	
	2-8 24							3	Pocket Encyclopedia	25.99	
2.7		2.9	2-10	3-1	3-2	2 3-3 3-4	2.4	4	Large Dictionary	\$11.9	
							-	5	Large Thesaurus	£11.9	
	_			_				6	Large Encyclopedia	£11.9	
			3.9		41	4-2 4-3		7	Interesting facts 1	£14.9	
3-5 3	6 3	7 3.8		3.10			-	8	Interesting facts 2	£14.9	
						and i	4-3	9	Interesting facts 3	£14.9	
	-	_						10	Interesting facts 4	214.9	
	1		4-8	4.9 4.10	1.20	5.1		3 - Teen Fiction			
14 4.5	4-0	4.7	9-6	23	4-20			Ref	Product Name	Price	
0.00		- H		-				1	Moonlight 1	\$9.83	
								2	Moonlight 2	28.92	
				5-4-			38	3	Moonlight 3	\$9.83	
								4	Moonlight 4	28.92	
							-	5	Moonlight 5	\$9.83	
								0	Vampyre 1	£7.99	
								14 T	L .	100.00	

Instantly generate clear and useable planograms