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Created by: Iain Lowe  
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### Legend

- 7.0 In-scope for Phase 1; annotation provided
- 6.0 Phase 2+: description of future state provided  
*An exhaustive representation of future state is not included. Rather, these features were considered for Phase 1, but scope was refined*

Outstanding question for the team

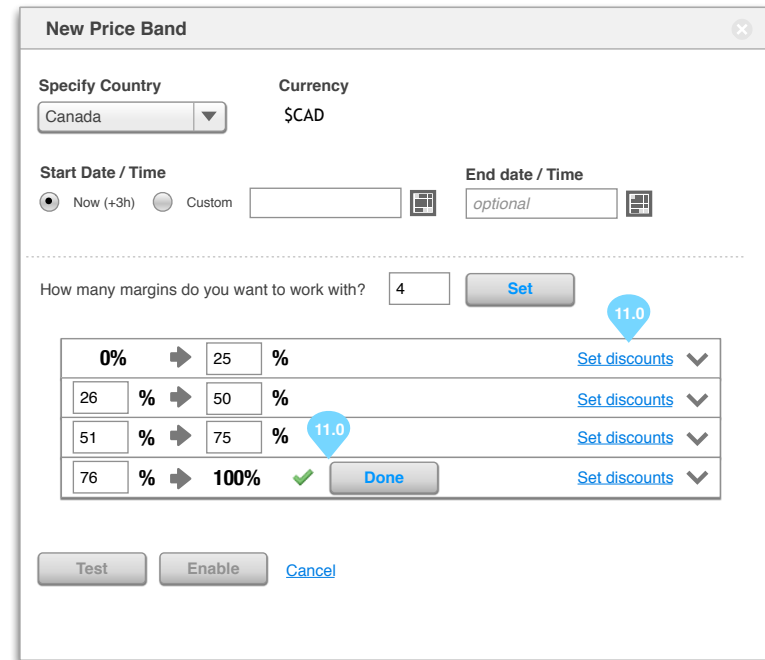
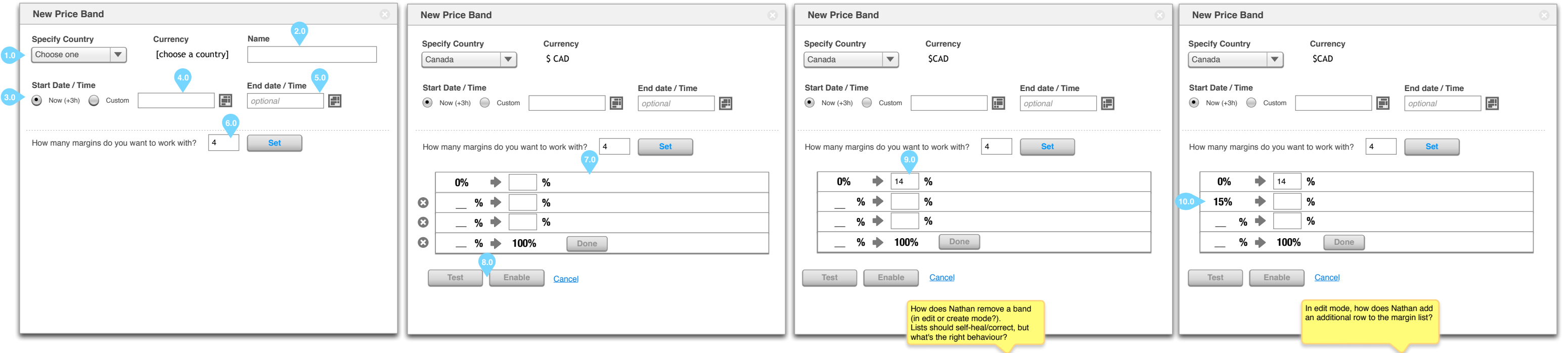
Needs to be added to wireframes

### Revision Notes

Version	Date	Notes
1.0	Nov 09 2012	Draft of production wireframes.

## Create New Price Band

### 1. Creating Margins



1.0 Nathan chooses a country from the list. The currency string is populated based on the selection in 1.0

2.0 Since Nathan can set up timed discounts, he should give things a name so he can identify them. "3-day promo in Brazil", "Default Canada"

3.0 Default start time is Now +3h. Nathan can select custom as well.

4.0 Custom start date time. Focus on the box will bring up a date/time selector. Date can be a calendar control while time can either be a fancy control or a validated text box with an am/pm selector. Start date/time must be in the future by at least 3 hours.

Note that this will need validation. We will need to check to see if there are conflicts with an existing price band for the geo by date. For example, a 3-day intro discount should not overlap an open ended rule for a country - or should it?

5.0 Optional End date/time. Same control as 4.0 but cannot be earlier than start date/time

6.0 Nathan knows up front how many margin bands he wants to create, so he enters that. Default is 1 (0-100%)

7.0 Hitting Set reveals the margin configuration. If he specified one margin, then the control defaults to 0 -> 100%. Greater than one margin and we display a row for each margin.

8.0 Until we have complete data for all the bands (1 price range for each, all margins add to 100% price ranges and discounts are valid) the buttons are disabled. Cancel prompts Nathan that he'll lose his changes and closes the editor.

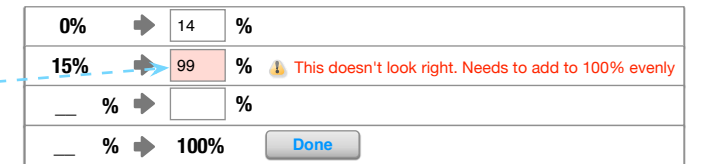
9.0 Nathan's first margin-band is 0 - 14% so he enters 14 in the box. ASSUME whole numbers, no decimals.

10.0 Once Nathan removes focus from the box, or the box's max length (2?) is reached, the next row's start value is populated. The value is an increment on the whole number percent value input. Checks need to be in place to ensure that the values do not break the 0% - 100% rule for the margins. For example, in row two, he cannot enter 99 for the value because he needs at least 2% to get to 100 and still has one extra margin.

11.0 When all of Nathan's margins are input and validated, he hits Done. The interface changes to show that this step is complete (see next page). Nathan can now set discounts on price ranges for each price band.

Note: Rudimentary prototype of this behaviour available at:

<http://share.axure.com/SMGHUS/>



### 1. Creating discounts

**New Price Band**

Specify Country: Canada | Currency: SCAD

Start Date / Time: Now (+3h) | End date / Time: optional

How many margins do you want to work with? 4 **Set**

0% → 25% **Set discounts**

Price Rules

List Price: \$0.00 → \$ [ ] Discount [ ] %

26	%	→	50	%	<b>Set discounts</b>
51	%	→	75	%	<b>Set discounts</b>
76	%	→	100%	✓	<b>Set discounts</b>

**Test** **Enable** **Cancel**

**New Price Band**

Specify Country: Canada | Currency: SCAD

Start Date / Time: Now (+3h) | End date / Time: optional

How many margins do you want to work with? 4 **Set**

0% → 25% **Set discounts**

Price Rules

List Price: \$0.00 → \$ 16.00 ⚠ Discount 12 %

List Price: \$16.01 → \$ [ ] Discount 9 % ✓

26	%	→	50	%	<b>Set discounts</b>
51	%	→	75	%	<b>Set discounts</b>
76	%	→	100%	✓	<b>Set discounts</b>

**Test** **Enable** **Cancel**

**New Price Band**

Specify Country: Canada | Currency: SCAD

Start Date / Time: Now (+3h) | End date / Time: optional

How many margins do you want to work with? 4 **Set**

0%	→	25%	%	✓	<b>Set discounts</b>
26	%	→	50	%	✓ <b>Set discounts</b>
51	%	→	75	%	✓ <b>Set discounts</b>
76	%	→	100%	✓	✓ <b>Set discounts</b>

**Test** **Enable** **Cancel**

1.0 When Nathan clicks Done after inputting his margins, the interface reveals controls for setting the discount values on a price range. As a convenience, the first margin expands, accordion-style to show the price range tool. The accordion allows multiple sections open at once but gives Nathan to work through one at a time.

2.0 The presentation of list price ranges is similar to the margins: the rules state that the last price must be unbounded (infinity). If Nathan wants a single discount % for all books, he leaves the 'to' value blank and enters a percentage. This would now be a valid price configuration as long as the % discount is valid.

3.0 The % discount is a whole number.

4.0 Nathan is likely going to want more than one price range, so he enters it in the first box. As soon as he moves focus to the discount box (tab order please) the next row is displayed, incrementing the price (2 decimal integer) by 0.01 and going to infinity. Prices input will need to be valid for the currency rules. If the price is incorrect an error/warning icon is displayed.

5.0 If the current price rule set is valid at any point, an icon shows that Nathan's good to go. He can either add a price in the row's TO field, for the next row, or he can move on to the next margin

1.0 Phase 2? For subsequent margins, Nathan should be able to copy the previous set of prices as a starting point.

2.0 How will Nathan remove prices from the list if he wants to? (if he deletes one in the middle how do we collapse them? or do we make him just do it all over?)

6.0 Nathan's all done creating at least one valid price discount rule for each margin, so the Test and Enable buttons are now enabled. An indicator that each margin is valid has been added to the rows as he's gone along.

Now he's ready to TEST or ENABLE his price band. Woot!

## 1. Testing the band

Specify Country
Currency

Start Date / Time

 Now (+3h)  Custom

End date / Time

---

How many margins do you want to work with?  Set

0%	➔	25	%	✔	<a href="#">Set discounts</a>
26	%	➔	50	%	✔ <a href="#">Set discounts</a>
51	%	➔	75	%	✔ <a href="#">Set discounts</a>
76	%	➔	100%	✔	✔ <a href="#">Set discounts</a>

Test
Enable
[Cancel](#)

Enter a valid ISBN or Volume ID 2.0

Go
[Cancel](#)

Enter a valid ISBN or Volume ID

Go
[Cancel](#)

*A Week in Winter by Maeve Binchy*

Country	List Price	Discounted Price	From Date	To Date
<b>Canada</b>	<b>\$12.99</b>	<b>\$8.79 (32%)</b>	<b>15-Sep-2012</b>	
United States	\$12.99	\$8.79 (32%)	24-Sep-2012	28-Sep-2012
United States	\$12.99	\$6.79 (22%)	28-Sep-2012	30-Sep-2012
United States	\$12.99	\$8.79 (32%)	1-Oct-2012	
Italy	\$12.99	\$8.79 (32%)	15-Jan-2013	

1.0 Nathan's got his pricing algorithm all set up, but now he wants to know what it'll look like for a specific book. This is just a pre-flight so he can catch any errors that might have happened before he got into the tool. So, he hits **Test**.

2.0 The presentation of list price ranges is similar to the margins: the rules state that the last price must be unbounded (infinity). If Nathan wants a single discount % for all books, he leaves the 'to' value blank and enters a percentage. This would now be a valid price configuration as long as the % discount is valid.

3.0 The % discount is a whole number.

4.0 Nathan is likely going to want more than one price range, so he enters it in the first box. As soon as he moves focus to the discount box (tab order please) the next row is displayed, incrementing the price (2 decimal integer) by 0.01 and going to infinity. Prices input will need to be valid for the currency rules. If the price is incorrect an error/warning icon is displayed.

5.0 If the current price rule set is valid at any point, an icon shows that Nathan's good to go. He can either add a price in the row's TO field, for the next row, or he can move on to the next margin

6.0 Nathan's all done creating at least one valid price discount rule for each margin, so the Test and Enable buttons are now enabled. An indicator that each margin is valid has been added to the rows as he's gone along.

Now he's ready to TEST or ENABLE his price band. Woot!

Enable

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### Pricing Banding Rules

*Summary* [Add New Price Band](#)

Price bands for: All countries ▾  Show Active  Show Inactive

Country	Price Band Name	From Date	To Date	Currency
Canada	<a href="#">Brazil launch discount</a>	1-Aug-2012	15-Sep-2012	\$CAD
United States	<a href="#">Canada Default Rules</a>	24-Sep-2012		\$USD
Italy	<a href="#">Welcome to Kobo: Italy</a>	28-Sep-2012	4-Oct-2012	€EUR
Australia	<a href="#">Christmas 2012</a>	1-Nov-2012	31-Dec-2012	\$AUD
France	<a href="#">New Years Resolutions</a>	31-Dec-2012	15-Jan-2013	€EUR