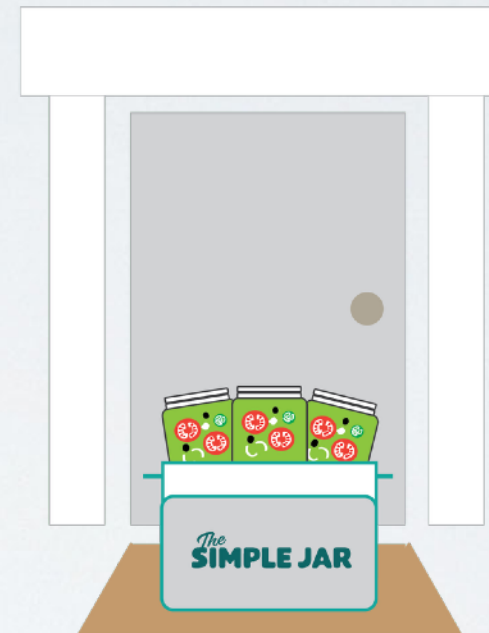
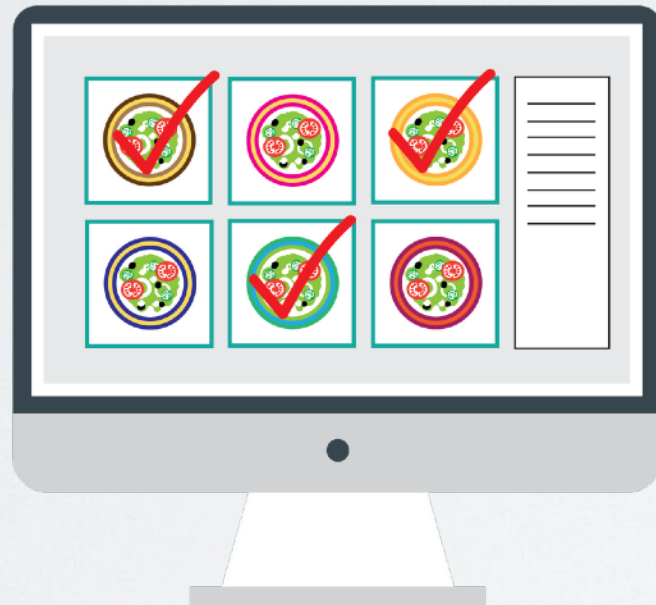




WHAT IS THE SIMPLE JAR?

HOW IT WORKS



DOING THINGS THAT DON'T SCALE



PROJECT REQUIREMENTS

- Allow New Customers to Sign Up Online:
 - Enter Delivery Instructions
 - Select Default Order
 - Save Payment Information
- Let Customers skip or change their orders up to 5 weeks in advance
- Send Customers Email and SMS Reminders
- Generate a Weekly Order Report for Admins
- Allow Customers to Edit their Delivery and Billing Info
- Process Renewals and Send Reminders on a strict weekly schedule

DEMO!

CUSTOM SUBSCRIPTION DATA

- One Customer can have multiple Subscriptions
- Delivery Info, Jar Choices, and Billing Info can be different for each of a Customer's Subscriptions

Therefore:

- Delivery Info, Jar Choices, and Billing Info Need to be Associated with Subscriptions, not Users
- Added as records in the Postmeta Table

THE FIVE WEEK ORDER OUTLOOK



[Current Orders](#)

[Billing History](#)

[My Profile](#)

LOGOUT

HOME HOW IT WORKS PLANS MENU MY ACCOUNT LOGOUT

SAVE CHANGES

Here's what is being delivered next

ARRIVING: OCTOBER 14TH

Change or skip deadline: October 10th

Skip



Jar #1

Lemongrass Curry Bowl

Ingredients to Leave Out:

Carrots

None selected



Jar #2

Thai Noodle Salad

Ingredients to Leave Out:

Carrots

None selected



Jar #3

Thai Noodle Salad

Ingredients to Leave Out:

Keep Everything

☐ Make these Jars my default selections for all future deliveries.

NO JARS WILL BE DELIVERED ON OCTOBER 21ST

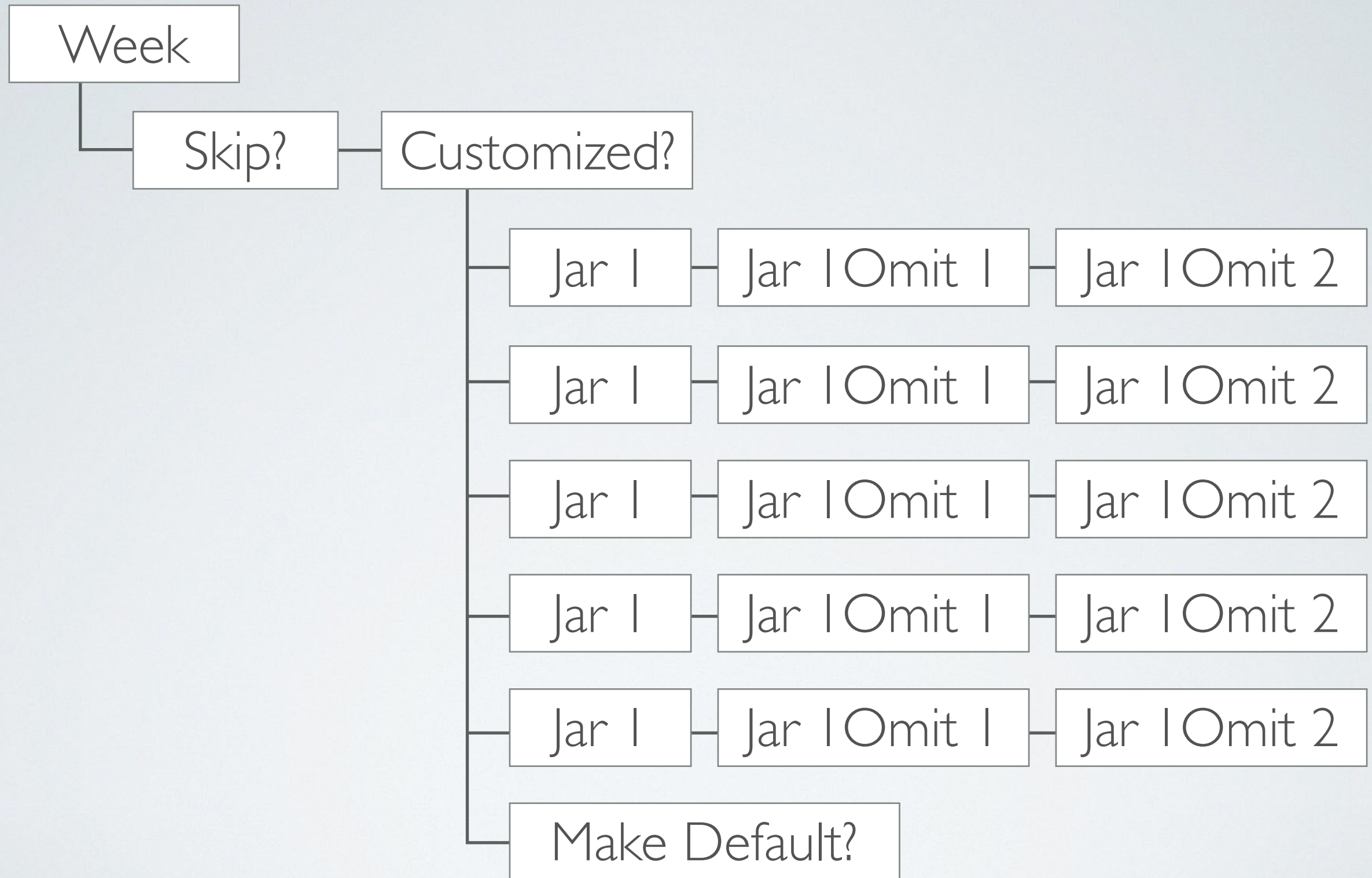
Change or skip deadline: October 17th

Don't Skip

DATA WE NEED

- Is the Customer Skipping this week?
- Have they Customized this week's Delivery?
- If they have Customized this week's Delivery, do they want to make this week's Jars their new default?

DATA STRUCTURE



STORING THE DATA

- Each week is identified by an index consisting of the timestamp of 12:00am on the delivery day (Monday)
- All metadata for that week is identified by that timestamp
- Stored as Postmeta associated with the Subscription
- When a Renewal Order is created, the Jar selections for that week are copied to Postmeta associated with that Order
- Garbage collection needs to be run periodically to delete past weeks' data

SCHEDULED ACTIONS

THE ACTION SCHEDULER

- “A library for triggering a WordPress hook to run at some time in the future”
- Developed by Prospress for WooCommerce Subscriptions
- Available as a stand-alone library
- Now incorporated into WooCommerce Core
- <https://actionscheduler.org/>

THE SIMPLE JAR'S WEEKLY CYCLE

Monday	Tuesday	Wednesday	Thursday	Friday
Delivery Day: Generate Route using Badger Make Deliveries	Sleep	9am: Customer Reminder Midnight: Change/Skip Deadline	1am: Deactivate Skips, Activate Non-Skips; Generate Admin Report 5am: Renew Active Subscriptions 5pm: Cutoff for new Customers receiving delivery on Monday Offline: Order Ingredients for Monday's Jars	Offline: Build Jars for Monday's Deliveries

SKIP MANAGEMENT

```
foreach ($subscriptions as $subscription) :  
    if ( $skip_week ) :  
        $subscription_status = 'on-hold';  
    else :  
        $subscription_status = 'active';  
    endif;  
endforeach;  
align_renewal_dates();
```


SCHEDULING RENEWALS: REMOVE EXISTING SCHEDULED RENEWALS

```
$get_pending_args = array(  
    'numberposts' => -1,  
    'post_type' => 'scheduled-action',  
    'post_status' => 'processing',  
    'title' => 'woocommerce_scheduled_subscription_payment',  
);  
  
$pending_renewals = get_posts($get_pending_args);  
  
foreach ( $pending_renewals as $pending_renewal ) {  
    wp_delete_post( $pending_renewal->ID, true);  
}
```

SCHEDULING RENEWALS: ADD NEW SCHEDULED ACTIONS

```
foreach ($subscriptions as $subscription) :  
    $i = 60;  
    $args = array ('subscription_id' => $sub_id);  
    $hook = 'woocommerce_scheduled_subscription_payment';  
    $timestamp = $renewal_timestamp + $i;  
    if ( $status === 'active' ) :  
        as_schedule_single_action($timestamp, $hook, $args);  
    endif;  
    $i = $i + 60;  
endforeach;
```


LOOKING TO THE FUTURE...

- Packing Lists
- Badger Integration
- Seasonal Recipes
- Gift Cards

...AND MOVING ON

THANK YOU!

<https://dbdc.us/woosesh2019>

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