# Technical Requirements Document

## Inventory Requirements V0.01

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| BR # | Description |
|  | To be able to take part in the inventory process, the user must be logged in. |
|  | The airCanteen inventory process will have 2 main actors.  Chefs will post food that is available for sale, cook the food and facilitate pickup/delivery.  airCanteen staff will engaged in maintenance tasks.  This document details mainly, although not limited to, the interaction a Chef would be having with airCanteen. |
|  | As an anonymous/logged in Chef, when the airCanteen url is accessed within a browser, the default landing page will be displayed.  The landing page will look, feel and behave the same as the landing page described in the Ordering TRD. |
|  | As a logged in Chef, clicking on the Canteen button will display the list of food items that I am willing to cook and sell.  No food items that are in a Removed state will be displayed in this view.  The Canteen button will be visible to only those users who are logged in.  Each food item displayed will consist of:   * Primary photograph * Title * Price for a potion * Potion size * Popular (heart) image with the average review score (out of 10) * Total number of orders received in the last 3 month * Total earned * Date the last purchase was made * Status * A menu of icons (Edit, Active/inactive, Purchase history)   Results will be displayed in a lazy load and infinite scroll manner so that I don’t lose my web page context.  A context aware search box will allow me to filter out the food items.  Clicking on a food item will display the food item details.  In addition, an Add icon will be displayed to create new food items. |
|  | As a logged in Chef, when I click on a food item on the Canteen page, more details about the selected food item needs to be displayed similar to that displayed when a Customer clicks the search results.  If the food item is not in a Removed state, then in addition to the details displayed the following must be displayed.  The menu of icons will include Edit, Active/inactive, Purchase history and Delete. |
|  | As a logged in Chef, when I click on the Add button an empty form needs to be displayed so that details about the food item can be entered.  At a minimum the following fields are needed.   * Title * Price for a potion * Potion size * Availability locations * Pickup / delivery options (e.g. Pickup, Pickup after hours, deliver) * Payment options (e.g. Credit card, cash of delivery?) * Delivery radius and cost * Special conditions (i.e. buy 2 to get 20% off, buy 1 get one free, free delivery etc) * Summary of the food * Prescribed tags * Status (e.g. Active/Inactive)   I must be able to upload one or more photographs, remove already uploaded photographs and select the default photo.  I must be able to select from a set of pre-defined Pickup/delivery options, Delivery costs and Special conditions. In addition, I should be able to enter one or more locations where this food item will be available from. These selections will affect how pricing is calculated. These options are yet to be finalised.  Setting the Status to Inactive will result in this food item not appearing in any search results.  Clicking on the Save button will save the details.  All the above fields and the need to upload atleast one photograph are mandatory. If the Save button is clicked prior to entering in all details, a friendly error message must be displayed and the errored field must be focused. |
|  | As a logged in Chef, when I click on the Edit button the details of the food item must be displayed in an editable form similar to that which is shown for Add.  All food item details must be pre-filled and available for editing.  Clicking on the Save button will save the details. |
|  | As a logged in Chef, when I click on the Active/Inactive button will update the status of the food item to either Active or Inactive.  Setting the Status to Inactive will result in this food item not appearing in any search results. Setting the Status to Active will result in this food item appearing in search results.  If updating from the Add or Edit food item pages, then the Save button must be clicked for the change to take effect.  If updating from the Canteen page, then the change must take effect immediately since there is no Save button. |
|  | As a logged in Chef, when I click on the Delete button I will be prompted with a warning dialog stating “The product ‘product name’ will be permanently deleted. Are you sure?”.  Clicking on a confirm button will set the status of the food item to Removed. No data including uploaded photographs will be physically removed from the database.  Clicking on a cancel button will return to the original calling page. |
|  | As a logged in Chef, when I click on the Purchase history button an itemised list of purchases for the selected food item must be displayed.  The page will state the food item’s title and for each purchase, the following:   * Customer name * Customer contact details * Price for a potion * Potion size * Number of potions ordered * Pickup / delivery option used * Payment option used * Delivery radius and cost * Special conditions applied * Total cost for the lineitem vs total cost for the order * Menu of icons (Edit, Inactive/active, Order details, Delete)   The list can be filtered by purchase date range. |