Picnic R Us – Use Case Document

INSY 3305

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| **Use Case Name:** Set Up Picnic Selection System | **ID**:  UC-1A | **Priority**: High |
| **Actor:**  Customer | | |
| **Description:**  This use case describes how the customers will use the system to browse all available items with the choice of purchasing or renting. | | |
| **Trigger**:  External | | |
| **Preconditions:**   1. The system will display a general overview of what the company offers and have a tab for the online ordering portal 2. The system advises customers of accepted payment methods | | |
| **Normal Course: Information for Steps:**   1. The customer will select picnic materials and decorations. 2. The customer can choose between standard utensils or personalized items. 3. The customer will type out their favored text for personalized items, should they pick it. 4. The system has an option to either purchase or rent picnic items. 5. The system displays pricing for purchasing and loan items. 6. The system will allow customers to choose “fancy” or “standard” option for each item. | | |  |
| **Postconditions:**   1. If chosen, the personalized text will be sent to the responsible team. 2. The data for picnic materials will be stored until the picnic is verified (booked). | | |  |
| **Exceptions:**   1. If there is no text given for the personalized items, the customer will be notified to enter a name or use the standard option instead. | | |  |

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| **Use Case Name:** Implement Menu Catalog System | **ID**:  UC-2A | **Priority**: High |
| **Actor:**  Customer | | |
| **Description:**  This use case describes how customers order their food items through the menu catalog. | | |
| **Trigger**:  External | | |
| **Preconditions:**   1. The customer has a list of individual menu items that the company offers 2. The company offers 10 set menus (Italian, Mexican, Barbecue, etc.)[ | | |
| **Normal Course: Information for Steps:**   1. The customer selects to view the set menu tab or the individual food item tab 2. The customer selects which set menu and individual add-on they want 3. Certain food items will have the choice of cooking in-house or on-site 4. The system will have a “special order” section for customers to request items outside of the menu catalog 5. The customer selects quantity for each food item and drinks they added to their cart 6. The system displays the pricing for each food item and its total quantity | | |  |
| **Postconditions:**   1. The system keeps track of the picnic and food items currently selected 2. The system displays all items in the customer’s cart with the pricing 3. The company would reach out to the customer if they entered in a “special order” | | |  |
| **Exceptions:**   1. If the food item is temporarily unavailable, the system will display the food as “unavailable” 2. If the company cannot fulfill a special order, the customer will be notified | | |  |
| **Use Case Name:** Establish Calendar Booking System | **ID**:  UC-3A | **Priority**: High |
| **Actor:**  Customer | | |
| **Description:**  This use case describes how the system will display available dates, place, and time for the customers to book their picnic. | | |
| **Trigger**:  External | | |
| **Preconditions:**   1. The customer has the finalized menu and picnic selection to book the picnic | | |
| **Normal Course: Information for Steps:**   * + - 1. The customer inputs the number of guests for the event       2. The system presents available dates and times based on the number of guests for an event       3. The system will display a map of how far the company can travel to       4. The customer inputs the address of the place for their event | | |  |
| **Postconditions:**  If the date and time the customer chose was already booked, they will be recommended to pick another date  The company can see the dates and times of all booked events | | |  |
| **Exceptions:**   1. The system will reject other bookings if the date and time is already booked 2. If the selected number of guests is too much for a specified day, the customer will be asked to choose another date 3. If the customers location is not within the company’s range, the system will notify the customer | | |  |

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| **Use Case Name:** Facilitate Electronic Payment | **ID**:  UC-4A | **Priority**: High |
| **Actor:**  Customer | | |
| **Description:**  This use case describes how customers uses the electronic payment system to pay for their picnic | | |
| **Trigger**:  External | | |
| **Preconditions:**   1. The customer has all the information (picnic selection, place, date, food items and non-food items) to pay to order the picnic 2. The customer will pay a deposit or full price for the order | | |
| **Normal Course: Information for Steps:**   1. The customer enters his full name, billing address, email and contact number for database for receipt purpose 2. The system tallies the total amount for the order and displays it 3. The customer enters amount to pay i.e. (Pay deposit amount or make full payment) 4. The customer selects from the available payment methods i.e. (check, bank account, credit card, and debit card) 5. The customer makes a payment (See exceptions) 6. The system displays “Order Confirmation” with details of amount, items, payment method, customer details with billing address | | |  |
| **Postconditions:**   1. The system displays order confirmation with a receipt of details (according to customer’s choice in other use case) 2. If the customer makes a full payment, the system sends a confirmation 3. If the customer pays deposit amount, the system sends a confirmation with an additional email of due amount and order details | | |  |
| **Exceptions:**   1. If the customer is not in the system, the customer is directed to set-up an account page before going to payment step 2. If a customer’s picnic menu, staff, place, date, food items and non-food items are not available, the customer is asked to pick different alternatives going back to each use case/step | | |  |

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| **Use Case Name:** Management Inventory and Supply Chain | **ID**:  UC-5A | **Priority**: High |
| **Actor:**  Employee | | |
| **Description:**  This use case describes how the employee uses the system to analyze and view inventory and supply chain logistics | | |
| **Trigger**:  External | | |
| **Preconditions:**   1. A transaction has occurred in which the customer orders food or non-food items 2. The order is processed, and revenue is generated | | |
| **Normal Course: Information for Steps:**   1. The system updates ingredient and non-food inventory levels in accordance with past orders 2. The system reviews upcoming orders and determines what inputs are in demand 3. The system determines if a certain food-item is cheaper to make in house in accordance with ingredient prices or buy pre-made 4. The employee reviews the analysis and orders necessary ingredients, non-food items, and resources needed to satisfy upcoming order 5. The employee orders any necessary pre-made food item such as a cake 6. The new inventory levels are updated | | |  |
| **Postconditions:**   1. Ordered inputs are transformed into outputs (main dishes, side dishes, and desserts are prepared from ingredients 2. Outputs, pre-made food items, and non-food items are transported to the location of the picnic at the correct time. The inventory goes back down while revenues go up | | |  |
| **Exceptions:**   1. If any ingredients required for a dish are not available, the customer will be asked to pick an alternative 2. Ingredients are not ordered until the customer makes full or partial payment | | |  |

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| **Use Case Name:** Create Employee Portal | **ID**:  UC-6A | **Priority**: High |
| **Actor:**  Employee | | |
| **Description:**  This use case describes how the company and employees will use the system to manage the schedule based on their availability | | |
| **Trigger:**  Internal | | |
| **Preconditions:**   1. The company will have all the information about picnic selection, date, time, and their payment confirmed | | |
| **Normal Course: Information for Steps:**   1. The system allows employees to set availability 2 months in advance 2. The system will determine the number of staff needed for each event 3. The system will assign employees in schedules 2 weeks in advance 4. The system allows employees to enter request time off and switch shift based on booked picnic dates 5. The system allows employers to track employee’s working hours in a specific event | | |  |
| **Postconditions:**   1. The system displays employees schedule and event details 2. If the employees request for days off or sick leave, the system sends a notification to the employer 3. The system displays the employees total punched-in hours | | |  |
| **Exceptions:**   1. The system rejects employees’ days off request if they did not request before 2 weeks 2. Under extenuating circumstances (e.g., medical emergency, family emergency, work-related travel, etc.), the company will accept the employee’s request and modify the scheduling system | | |  |