USER STORY

XP Game

finding cards

Find 2 missing cards in a deck of cards.
Exactly 2 cards are missing.
The missing cards are "black" cards.

Estimated Complexity: 1 - 2 - 3 - 4 - 5 - 6 – impossible
Business Value: 300

Story 7 – Iteration 1

Requirement Shell

Use this requirement shell as a guide for writing each atomic requirement.

List of events / use cases that need this requirement

The type from the template

Requirement #: **Unique Id** Requirement Type Event/Use case #:

Description: **A one sentence statement of the intention of the requirement**

Rationale: **A Justification of the requirement**

Source: **Who raised this requirement?**

Fit Criterion: **A measurement of the requirement such that it is possible to test if the solution matches the original requirement**

Customer Satisfaction: Customer Dissatisfaction: Conflicts:

Dependencies: **A list of other requirements that have some dependency on this one**

Other requirements that cannot be implemented if this one is

Supporting Materials: —— **Pointer to documents that illustrate and explain this requirement**

History: **Creation, changes,**

Volere
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Degree of stakeholder happiness if this requirement is successfully implemented.
Scale from 1 = uninterested to 5 = extremely pleased.

Measure of stakeholder unhappiness if this requirement is not part of the final product.
Scale from 1 = hardly matters to 5 = extremely displeased.

Use Case ID:	UC-1		
Use Case Name:	Order Meal		
Created By:	Karl Wiegers	Last Updated By:	Jack McGillicutty
Date Created:	October 21, 2002	Date Last Updated:	November 7, 2002
Actors:	Patron		
Description:	A Patron accesses the Cafeteria Ordering System from the corporate intranet or from home, optionally views the menu for a specific date, selects food items, and places an order for a meal to be delivered to a specified location within a specified 15-minute time window.		

Preconditions:
1. Patron is logged into COS.
2. Patron is registered for meal payments by payroll deduction.

Postconditions:
1. Meal order is stored in COS with a status of "Accepted".
2. Inventory of available food items is updated to reflect items in this order.
3. Remaining delivery capacity for the requested time window is updated to reflect this delivery request.

Normal Course:

1.0 Order a Single Meal

1. Patron asks to view menu for a specified date.
2. System displays menu of available food items and the daily special.
3. Patron selects one or more food items from menu.
4. Patron indicates that meal order is complete.
5. System displays ordered menu items, individual prices, and total price, including any taxes and delivery charge.
6. Patron confirms meal order or requests to modify meal order (back to step 3).
7. System displays available delivery times for the delivery date.
8. Patron selects a delivery time and specifies the delivery location.
9. Patron specifies payment method.
10. System confirms acceptance of the order.
11. System sends Patron an e-mail confirming order details, price, and delivery instructions.
12. System stores order in database, sends e-mail to notify Cafeteria Staff, sends food item information to Cafeteria Inventory System, and updates available delivery times.

Alternative Courses:	1.1 Order multiple meals (branch after step 4)

1. Patron asks to order another meal.
2. Return to step 2.

1.2 Order multiple identical meals (after step 3)

1. Patron requests a specified number of identical meals.
2. Return to step 4.

1.3. Order the daily special (after step 2)

1. Patron orders the daily special from the menu.
2. Return to step 5.

Exceptions:	1.0.E.1 Current time is after order cutoff time (at step 1)

1.   System informs Patron that it's too late to place an order for today.
2a. Patron cancels the meal order.
2b. System terminates use case.
3a. Patron requests to select another date.
3b. System restarts use case.

1.0.E.2 No delivery times left (at step 1)

1.   System informs Patron that no delivery times are available for the meal date.
2a. Patron cancels the meal order.
2b. System terminates use case.
3.   Patron requests to pick the order up at the cafeteria (skip steps 7–8).

1.2.E.1 Can't fulfill specified number of identical meals (at step 1)

1.   System informs Patron of the maximum number of identical meals it can supply.
2.   Patron changes number of identical meals ordered or cancels meal order.

Includes:	None
Priority:	High
Frequency of Use:	Approximately 400 users, average of one usage per day
Business Rules:	BR-1, BR-2, BR-3, BR-4, BR-8, BR-11, BR-12, BR-33
Special Requirements:	1. Patron shall be able to cancel the meal order at any time prior to confirming the order.

2. Patron shall be able to view all meals he ordered within the previous six months and repeat one of those meals as the new order, provided that all food items are available on the menu for the requested delivery date.
(Priority = medium)

Functional Requirement

Req. #	Priority:	Created By	Created On:	Last Updated	Updated By:
R2	High	Oz M.	2/14/07	2/28/07	Oz M.

Name	**Advanced Search**
Desc.	In order to find particular items, advanced search will provide the ability to search for items by different fields: • Title of media File • Type of media file • Subject • Rating • Language • Author name • Publication Date • Publisher • Copyright information • ISBN
Testing	Create various items in the database and attempt to find particular ones through advanced search. Also search for non-existing items which should provide an empty list.
Sources	DOC2
Dependencies	
Users	Guest, Student, Professor, Librarian