





3. Functional Description

IC Card	IC Name: Display_All
Description: Display all clothing tiles in no particular order	
Interaction Pattern:	
	
Mixed	
My Task: Display clothing tiles	
Time Critical Condition: Not time critical	
Name of Other IC: Clothing_Item	
Message to Other IC: Send clothing tile	
Other IC's Task: Send clothing tile	
Card 1 of 4 (If necessary please use several IC cards to describe an IC)	

IC Card	IC Name: Display_Sort
Description: Sort the items on a particular display page	
Interaction Pattern:	
	
Mixed	
My Task: Sort the items on a display page by some criteria	
Time Critical Condition: Displaying items	
Name of Other IC: Clothing_Item	
Message to Other IC: Give value of x criteria	
Other IC's Task: Return the value of the chosen criteria	
Card 2 of 4 (If necessary please use several IC cards to describe an IC)	

IC Card	IC Name: Display_Filter
Description: Filter out display results	
Interaction Pattern:	
	
Mixed	
My Task: Filter out display results based on a chosen criteria	
Time Critical Condition: Displaying items	
Name of Other IC: Clothing_Item	
Message to Other IC: Do you exhibit x criteria	
Other IC's Task: Return true or false	
Card 3 of 4 (If necessary please use several IC cards to describe an IC)	

IC Card	IC Name: Cart_Quantity
Description: Change the number of a cart item	
Interaction Pattern:	
	
By Myself no Interaction	
My Task: Change the number of an item in the cart	
Time Critical Condition: Item must be in cart	
Name of Other IC: Clothing_Item	
Message to Other IC: Do you have x quantity	
Other IC's Task: Return true or false	
Card 3 of 4 (If necessary please use several IC cards to describe an IC)	

IC Card

IC Name: Profile_Save_Sizes

Description: Save standard clothing sizes for the user

Interaction Pattern:



By Myself no Interacton

My Task: Insert clothing sizes into database

Time Critical Condition: User logged in

Name of Other IC: Category_View

Message to Other IC: Load clothing sizes

Other IC's Task: Load default clothing sizes

Card 4 of 6 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Profile_Log_Out

Description: Defidentifies the user

Interaction Pattern:



By Myself no Interacton

My Task: Log the user out

Time Critical Condition: Logged in

Name of Other IC: User_Profile

Message to Other IC: Confirm successful logout

Other IC's Task: Confirm if successful, reject if failure

Card 3 of 6 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Profile_Log_In

Description: Identifies the user in order to access more features

Interaction Pattern:



By Myself no Interacton

My Task: Enter username and password

Time Critical Condition: Can happen at any time

Name of Other IC: User_Profile

Message to Other IC: Confirm successful login

Other IC's Task: Confirm if successful, reject if failure

Card 2 of 6 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Register_User_Profile

Description: Create a new login (username/password) for a user

Interaction Pattern:



By Myself no Interacton

My Task: Insert username and password into database

Time Critical Condition: Not time critical

Name of Other IC: User_Profile

Message to Other IC: Confirm successful registration

Other IC's Task: Confirm if successful, reject if failure

Card 1 of 6 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Cart_Add

Description: Add a new clothing item to the cart

Interaction Pattern:



By Myself with Interaction

My Task: Adds a new clothing item to the cart

Time Critical Condition: Not time critical

Name of Other IC: Clothing_Item

Message to Other IC: Do you have 1 quantity

Other IC's Task: Return true or false

Card 1 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Cart_Remove

Description: Remove an item from the cart

Interaction Pattern:



By Myself with Interaction

My Task: Remove an item from the cart

Time Critical Condition: Item must be in cart

Name of Other IC: Clothing_Item

Message to Other IC: None

Other IC's Task: None

Card 2 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Wishlist_Add

Description: Add a new clothing item to the wishlist

Interaction Pattern:



By Myself with Interaction

My Task: Adds a new clothing item to the wishlist

Time Critical Condition: Logged in

Name of Other IC: Clothing_Item

Message to Other IC: Do you have 1 quantity

Other IC's Task: Return true or false

Card 1 of 3 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Wishlist_Remove

Description: Remove an item from the wishlist

Interaction Pattern:



By Myself with Interaction

My Task: Remove an item from the wishlist

Time Critical Condition: Item must be in wishlist

Name of Other IC: Clothing_Item

Message to Other IC: None

Other IC's Task: None

Card 2 of 3 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Outfit_Page

Description: Displays multiple clothing items superimposed on a virtual model

Interaction Pattern:



By Myself with Interaction

My Task: Load list of clothing items, render on model

Time Critical Condition: Outfit created

Name of Other IC:

Message to Other IC:

Other IC's Task:

Card 3 of 5 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Outfit_Add

Description: Create a new outfit

Interaction Pattern:



By Myself with Interaction

My Task: In a similar manner to list or cart, create a new outfit

Time Critical Condition: Logged in

Name of Other IC: Clothing_Item, Outfit_Feed

Message to Other IC: Give IDs, add to feed

Other IC's Task: Return ID, return ID

Card 1 of 5 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Feed_Add

Description: Add a new outfit to feed

Interaction Pattern:



By Myself with Interaction

My Task: Add a new outfit to feed, create dedicated webpage

Time Critical Condition: Outfit created

Name of Other IC: Outfit

Message to Other IC: Give ID

Other IC's Task: Give ID

Card 1 of 2 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Item_Page

Description: Displays a full webpage with all item characteristics

Interaction Pattern:



By Myself with Interaction

My Task: Display an image, description, and availability of an item

Time Critical Condition: Item tile has been clicked

Name of Other IC: Cart, Wishlist

Message to Other IC: Possibly add item to either

Other IC's Task: None

Card 2 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Display_Search

Description: Display only those items that match search criteria
Interaction Pattern:



By Others with Interaction

My Task: Send a pattern to the database, retrieve relevant results
Time Critical Condition: Not time critical
Name of Other IC: Clothing_Item
Message to Other IC: Do you exhibit x search term
Other IC's Task: Return true or false
Card 4 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Cart_Checkout

Description: Purchase all items in cart
Interaction Pattern:



By Others with Interaction

My Task: Carry out transaction, update quantity appropriately, create order
Time Critical Condition: At least one item must be in cart
Name of Other IC: Clothing_Item
Message to Other IC: Reduce quantity by x amount
Other IC's Task: Carry out transaction
Card 4 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Wishlist_ToCart

Description: Move an item from wishlist to cart
Interaction Pattern:



By Others with Interaction

My Task: Remove an item from wishlist, add same item to cart
Time Critical Condition: Item must be in wishlist
Name of Other IC: Shopping_Cart
Message to Other IC: Add this item to cart
Other IC's Task: Add item
Card 3 of 3 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Outfit_Remove

Description: Remove an existing outfit from existence
Interaction Pattern:



By Others with Interaction

My Task: Delete outfit page, remove from feed
Time Critical Condition: Logged in, owner of outfit
Name of Other IC: Outfit_Feed
Message to Other IC: Remove outfit
Other IC's Task: Remove outfit
Card 2 of 5 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Outfit_toCart

Description: Add outfit to cart (or wishlist)

Interaction Pattern:



By Others with Interaction

My Task: Upload list of clothing items

Time Critical Condition: Logged in, viewing outfit

Name of Other IC: Shopping Cart

Message to Other IC: Add these items

Other IC's Task: Return success

Card 4 of 5 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Feed_Display

Description: Load all clothing items from outfit

Interaction Pattern:



By Others with Interaction

My Task: Load list of clothing items

Time Critical Condition: Not time critical

Name of Other IC: Outfit

Message to Other IC: Give outfit

Other IC's Task: Give outfit

Card 2 of 2 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Item_ToList

Description: Save item to a wish list

Interaction Pattern:



By Others with Interaction

My Task: Save this item long term

Time Critical Condition: Logged in (required)

Name of Other IC: Wishlist

Message to Other IC: Save this clothing item

Other IC's Task: Save this clothing item with appropriate size and color

Card 4 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Item_ToCart

Description: Save item to a shopping cart

Interaction Pattern:



By Others with Interaction

My Task: Save clothing item to shopping cart

Time Critical Condition: Logged in (optional)

Name of Other IC: Shopping Cart

Message to Other IC: Save this clothing item

Other IC's Task: Save this clothing item with appropriate size and color

Card 3 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Item_Tile

Description: Displays a small tile with a picture of the item

Interaction Pattern:



By Others with Interaction

My Task: Display a image and description

Time Critical Condition: Not time critical

Name of Other IC: Clothing_Display

Message to Other IC: Picture, title

Other IC's Task: Format all tiles correctly

Card 1 of 4 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Profile_Save_ToWishlist

Description: Saves items long term to a wishlist

Interaction Pattern:



By Others with Interaction

My Task: Save clothing item to wishlist

Time Critical Condition: Logged in

Name of Other IC: Wishlist

Message to Other IC: Save this clothing item

Other IC's Task: Save this clothing item with appropriate size and color

Card 6 of 6 (If necessary please use several IC cards to describe an IC)

IC Card

IC Name: Profile_Save_ToCart

Description: Saves items temporarily to a shopping cart

Interaction Pattern:



By Others with Interaction

My Task: Save clothing item to shopping cart

Time Critical Condition: Logged in

Name of Other IC: Shopping Cart

Message to Other IC: Save this clothing item

Other IC's Task: Save this clothing item with appropriate size and color

Card 5 of 6 (If necessary please use several IC cards to describe an IC)