

Assignment 1

SE-C

Mam Isma ul Hassan

Intro To SE



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Fast Wallet:

(By Muhammad Ali)

# Problem Statement:

|  |  |
| --- | --- |
| The Problem of | Not getting food on time and in case one forgets his/her wallet, unavailability of feedback, not knowing if the food is out of stock |
| Affects | FAST ISB faculty, mostly students |
| the impact of which is | Order mix-up, long lines, bad food and inconvenience of money |
| A successful solution would be | FAST Wallet, digital order management, feedback system, online money transfer in case one forgets his/her wallet, online product display |

# Features:

(By Sanaan Azfar)

1. Create Personal account
2. Login/Logout to Personal account
3. Product Purchase
4. Add to Cart
5. Remove from Cart
6. Online Money transfer
7. Product display

(By Ameer Hamza)

1. Take away option
2. Dine in option
3. Feedback System
4. Products division on the basis of types e.g., Snack, drinks etc.
5. Total number of products in cart
6. Total price

(By Muhammad Ali)

1. View Profile
2. Change password
3. View Product reviews
4. Product Rating
5. Rate Product
6. Go to cart
7. Go to main menu

(By Hamza Aftab)

1. View Available Table
2. Select Table
3. Confirm Table
4. If confirmed payment and have selected Table, then a message prompt, you will receive your order at table number.

For Cafe Management:

(By Sanaan Azfar)

1. Create Account
2. Login/Logout of Account
3. Can add/remove product
4. Can change/update price
5. Product quantity
6. Product ID system
7. Product Receival Notification

(By Ameer Hamza)

1. Automatic Order numbering
2. Option for order completed
3. Option for resetting order numbers

(By Muhammad Ali)

1. Product sold out label
2. View Product Rating
3. View Product Reviews
4. View Feedback

(By Hamza Aftab)

1. Time limit for table
2. Table number shown with order

Extra Feature (If there is time):

1. Discount Vouchers
2. Average purchase rate of product to check affordability and success of it.
3. Dark and Light mode
4. View Transaction history
5. Change Profile picture
6. Deals

# User Stories:

## Story Number: 1

|  |  |
| --- | --- |
| As a | Student |
| I want | A create separate account |
| So that | I can store my money safely and use app accordingly |

## Story Number 2:

|  |  |
| --- | --- |
| As a | Student |
| I want | Login/Logout option |
| So that | I can access my account and safely exit |

## Story Number: 3

|  |  |
| --- | --- |
| As a | Student |
| I want | Product Purchase option |
| So that | I could buy product |

## Story Number: 4

|  |  |
| --- | --- |
| As a | Student |
| I want | Add to cart option |
| So that | I could buy multiple items at the same time |

## Story Number: 5

|  |  |
| --- | --- |
| As a | Student |
| I want | Remove from cart option |
| So that | In case I change my mind or make a mistake |

## Story Number: 6

|  |  |
| --- | --- |
| As a | Student |
| I want | To transfer money to my account and then to café only |
| So that | In case I forget my wallet, I would still be able to buy |

## Story Number: 7

|  |  |
| --- | --- |
| As a | Student |
| I want | To see available products and their prices |
| So that | I buy accordingly, according to my preferences and budget |

## Story Number: 8

|  |  |
| --- | --- |
| As a | Student |
| I want | Take away option |
| So that | I buy items and move on |

## Story Number: 9

|  |  |
| --- | --- |
| As a | Student |
| I want | Dine in option |
| So that | I can eat food at café |

## Story Number: 10

|  |  |
| --- | --- |
| As a | Student |
| I want | Feedback option |
| So that | I could give feedback on café faculty and specially the food |

## Story Number: 11

|  |  |
| --- | --- |
| As a | Student |
| I want | Product options divided by their type, e.g., Snacks, Beverages etc. |
| So that | I don’t have to search them in a long list |

## Story Number: 12

|  |  |
| --- | --- |
| As a | Student |
| I want | To see total number of items in my cart |
| So that | I can see the number of items and buy or remove items accordingly |

## Story Number: 13

|  |  |
| --- | --- |
| As a | Student |
| I want | Total price of items in cart |
| So that | In case it exceeds my budget, I could remove some items from the cart |

## Story Number: 14

|  |  |
| --- | --- |
| As a | Student |
| I want | To view my profile |
| S that | I could see amount of money and change password option |

## Story Number: 15

|  |  |
| --- | --- |
| As a | Student |
| I want | Change my password |
| So that | In case someone finds out my password |

## Story Number: 16

|  |  |
| --- | --- |
| As a | Student |
| I want | To view product reviews |
| So that | I could see its success and reviews about it |

## Story Number: 17

|  |  |
| --- | --- |
| As a | Student |
| I want | To view product rating |
| So that | I could see its success and quality |

## Story Number: 18

|  |  |
| --- | --- |
| As a | Student |
| I want | To rate product |
| So that | Others students and café management could see their products quality |

## Story Number: 19

|  |  |
| --- | --- |
| As a | Student |
| I want | To view cart |
| So that | I could see what I bought and to cart |

## Story Number: 20

|  |  |
| --- | --- |
| As a | Student |
| I want | To go to main menu |
| So that | I could again buy or view another product |

## Story Number: 21

|  |  |
| --- | --- |
| As a | Student |
| I want | To view available tables |
| So that | I could see if there’s any tables available where I could eat my food |

## Story Number: 22

|  |  |
| --- | --- |
| As a | Student |
| I want | To select tables |
| So that | I could eat my food at café |

## Story Number: 23

|  |  |
| --- | --- |
| As a | Student |
| I want | To see confirm prompt |
| So that | In case I don’t want to book a table anymore |

## Story Number: 24

|  |  |
| --- | --- |
| As a | Student |
| I want | To see a message prompt |
| So that | I could see my table has been booked and my order is on the way |

## Story Number: 25

|  |  |
| --- | --- |
| As a | Café manager |
| I want | Create An account |
| So that | I receive money and orders |

## Story Number 26

|  |  |
| --- | --- |
| As a | Café manager |
| I want | Login/Logout option |
| So that | I can access my account and safely exit |

## Story Number: 27

|  |  |
| --- | --- |
| As a | Café manager |
| I want | Option to add/remove food items |
| So that | The students could see new/removed items |

## Story Number: 28

|  |  |
| --- | --- |
| As a | Café manager |
| I want | An option to add/remove product |
| So that | Students could see available products |

## Story Number: 29

|  |  |
| --- | --- |
| As a | Café manager |
| I want | An option to increase/decrease product prices |
| So that | students can see the updated prices |

## Story Number: 30

|  |  |
| --- | --- |
| As a | Café manager |
| I want | An option to change product quantity |
| So that | Students could buy accordingly |

## Story Number: 31

|  |  |
| --- | --- |
| As a | Café manager |
| I want | A unique product ID |
| So that | In case some issue arrives and I could simply see their ID’s instead of whole name |

## Story Number: 32

|  |  |
| --- | --- |
| As a | Café manager |
| I want | A notification when I receive orders |
| So that | I get notified when someone orders something online |

## Story Number: 33

|  |  |
| --- | --- |
| As a | Café manager |
| I want | To want an automated order id |
| So that | So, I don’t mix up orders and fulfill them quickly |

## Story Number: 34

|  |  |
| --- | --- |
| As a | Café manager |
| I want | done order option |
| So that | The students don’t repeatedly buy products and cheat with the café |

## Story Number: 35

|  |  |
| --- | --- |
| As a | Café manager |
| I want | A reset order id option |
| So that | At the start of a new day, I could start with first customer |

## Story Number: 36

|  |  |
| --- | --- |
| As a | Café manager |
| I want | An automatic product quantity counter, which will decrease as students buy that item |
| So that | Me and students could see its availability |

## Story Number: 37

|  |  |
| --- | --- |
| As a | Café manager |
| I want | An option for sold out |
| So that | The students could see if a product is sold out |

## Story Number: 38

|  |  |
| --- | --- |
| As a | Café manager |
| I want | View Product Rating |
| So that | I could see if the product is successful |

## Story Number: 39

|  |  |
| --- | --- |
| As a | Café manager |
| I want | View Product Reviews |
| So that | I could see if the product is successful |

## Story Number: 40

|  |  |
| --- | --- |
| As a | Café manager |
| I want | View feedback |
| So that | I could check how the café faculty and food is doing and what could be improved |

## Story Number: 41

|  |  |
| --- | --- |
| As a | Café manager |
| I want | A Time limit for booked tables |
| So that | Students don’t sit there for a longer period of time |

## Story Number: 42

|  |  |
| --- | --- |
| As a | Café manager |
| I want | To see table number with order |
| So that | I could send the order to the respected table |