1. Overview

This document will serve as a summary of Lab 1. The summary includes the expected deliverables of the lab, as well as the detailed write-up of the respective deliverables.

2. Deliverables

The following defines the deliverables to be submitted to the Lab TA prior to Lab 2:

2.1 Team formation and team leader assignment

The team will choose an appropriate team name. The team will also appoint a member of the team as the team leader. The team must fill in the Team Registration Form as instructed by Lab TA.

2.2 Documentation of Functional Requirements (FR) and Non-Functional Requirements (NFR)

The team will proceed to brainstorm a project idea which will serve as guidance for the team project. The team will also formulate the target audience of the project. The team will proceed to liaise with the stakeholders to elicit FR and NFR. The team will then formulate a documentation which contains the FR and NFR.

The team will use <u>SRS_Template.doc</u>, under sections 4. System Features and 5. Other Nonfunctional Requirements as references for the template.

2.3 Data Dictionary

The team will create a data dictionary which includes important terms used throughout the project. The team will ensure that the data dictionary contains attributes of, and the relationship between each term.

2.4 Use Case Models

The team will identify certain use cases based off the FR. The team will proceed to depict the use cases using a Use Case Diagram.

The team shall make sure that each use case is accompanied by a use case description. The description will explain the interaction between an end-user and the system to carry out a functionality.

2.5 User Interface (UI) Mock-ups

The team will use relevant software tools, or hand-drawn methods (if applicable) produce a mock-up of the project's preliminary user interface.

3. Project Ideas

The following are the proposed project ideas:

3.1 Carpark availability application

The web application will provide a heatmap of the carparks around Singapore. The heatmap will depict the number of available parking spots in each carpark.

3.1.1 Feedbacks

The complexity of the initial project idea is not sufficient to demonstrate the work of a 5-man project.

3.2 Taxi availability application

The web application will provide a heatmap of the live location of all taxi around Singapore.

3.2.1 Feedbacks

A web application for taxi hailing may not be appropriate. The team considered that a taxi hailing application should be a mobile application instead

3.3 COVID-19 cases heatmap

The web application will provide a heatmap of the live COVID-19 cases within Singapore.

3.3.1 Feedbacks

The team agrees that the project idea is overused and lacks innovation.

3.4 Dengue fever heatmap

The web application will provide a heatmap of the live Dengue fever cases within Singapore.

3.4.1 Feedbacks

The team agrees that the project idea is overused and lacks innovation.

3.5 Music recommendation web application

The web application will allow the user to compile a list of favourite music. The list shall then be used to recommend the user other music of which the system deem the user may be interested in.

3.5.1 Feedbacks

A web application that allows a user to compile a list of music is redundant, as ordinary music players such as Spotify contains said features. The project idea can retain as a supplementary feature and should be built on top of an alternate project idea.

3.6 AI Shopping Tracking System

The web application will track the user's search pattern. Based on the search pattern, the system will recommend the user a list of items that the system predicts the user may be interested in. The web application will also perform a cross-platform check to find the best deals of the items. The best deal includes the cheapest price and rebates, whichever is applicable.

The team has decided to select 3.6 AI Shopping Tracking System as the project idea.

4. Team Name

The following are the proposed team names:

4.1 FindR

The name FindR mimics the pronunciation of Finder and provides a catchy feeling to the customers.

Since there are no alternate suggestions or proposals, the team has unanimously decided to select 4.1 FindR as the team's name.

5. Target Audience

Based on the selected project idea, the following characteristics shall define the target audience:

5.1 Users who lack time to perform shopping physically.

We are targeting workers who have packed schedules. We strongly believe the AI shopping recommendation system will help reduce time taken to shop for goods. The cross-platform comparison feature will also help to save the time needed to navigate through multiple stores or platforms to find the best deals.

5.2 Users who live far away from physical convenience stores.

We are targeting customers whose location are inconvenient for physical shopping. An online AI shopping recommendation system will aid the customers in their daily online shopping. The crossplatform comparison feature will further serve to aid the customers in finding the best deals of their everyday online shopping.

5.3 Users who are home-bound or have mobility issues.

We are targeting elderlies or disabled customers. The customers could already be engaged with online shopping activities. Thus, an online AI shopping recommendation system with cross-platform comparison feature will certainly aid the customers to make better and informed decisions.

5.4 Tech-savvy users.

We are targeting young adults who are mostly familiar with navigating the online world. Our online AI shopping recommendation system will aid the customers to make informed decisions in their purchases.

6. Functional Requirements (FR)

The following are the proposed preliminary FR:

- 6.1 The user must be able to register for an account with our system and login subsequently.
- 6.2 If the user has forgotten his/her login credentials, he/she must be able to seek help to recover the lost account.
- When the user searches for an item, our system must be able to recommend at least three other items to the user.
- 6.3 The system must be able to retrieve the prices of the searched items from at least one e-commerce platform.
- 6.4 The system must be able to retrieve at least one relevant rebate of the searched item.
- 6.5 The system must be able to provide a set of parameters such as price, number of purchases, form of rebate, delivery fee, payment methods and rating which can be tweaked by the user to sort the result.
- 6.6 The system must be able to provide the best deal for the user according to the parameters set by the user.
- 6.7 The user must be able to compile a wish list of items which must be sold on at least one e-commerce platform.
- 6.8 The user must be able to send another user a friend request using their usernames.
- 6.9 The user must be able to accept or reject the friend request received.
- 6.10 The user must be able to view his/her friends' wish list and their respective birthdays.

7. Non-Functional Requirements (NFR)

The following are the proposed preliminary NFR:

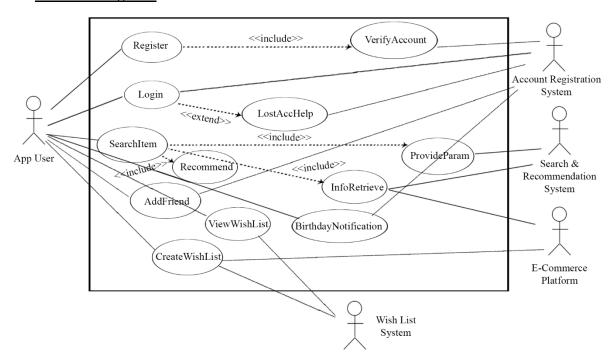
- 7.1 The system must be able to successfully register for an account for the user after the user fills in all the details required within 15 seconds.
- 7.2 The system must be able to retrieve and display the search result of the user within 30 seconds.
- 7.3 The system must be able to support searches from at least three e-commerce platform.
- 7.4 The system must not be down for more than three hours in one year.
- 7.5 The system must encrypt the user's credential information using AES algorithm.
- 7.6 The system must be able to display help information in the local language of the user based on the user's location.

8. <u>Data Dictionary</u>

Created By:	Lee Juin	Last Updated By:	Lee Juin
Date Created:	19th August 2022	Date Last Updated:	28 th August 2022

Voucher	An online code that entitles the holder to a discount, or that may be exchanged for goods or services.
Cashback	A form of incentive offered to buyers of certain products whereby they receive a cash refund after making their purchase.
Rebate	A form of discount applied to a product sold in the form of cashback or voucher.
Wish list	A list of desired items by the user which are available on an e-commerce platform.
E-commerce platform	An online platform where sellers advertise and sell their goods to consumers.
Price	The amount of money expected, required, or given in payment for the item sold.
Delivery fee	The cost of transporting or delivering goods.
Payment methods	A method for customers to pay for a product or a service.
App User	An individual who holds a valid account with the FindR web application.

9. <u>Use Case Diagrams</u>



10. <u>Use Case Description</u>

Use Case ID:	001			
Use Case Name:	Register			
Created By:	Lee Juin		Last Updated By:	Lee Juin
Date Created:	25 th October 2022		Date Last Updated:	29th October 2022
	Actor:	App User (Initiating), Account Registration Syst	tem
D	escription:	The App User can re using this use case.	egister for an account with the	ne Account Registration System
Prec	conditions:		ant Registration System must User must be connected to the	
Posto	conditions:		Jser has successfully registen with a unique username an	
			Jser is notified of the reason unsuccessful.	(s) why the registration of an
	Priority:			
Frequei	ncy of Use:			
Flow	of Events:	2. The App U 3. The According a 4. The App U the given of in the subn 5. The App U Privacy Po 6. The App U 7. The According the i 8. When the	Jser clicks on "Sign up". Int Registration System disp "Sign Up" submission form Jser inputs a valid email, a use constraint and the repeated properties of the properties o	assername, a password that satisfies bassword into the respective fields of agree to the Terms of Use and fies the information provided bunt.
Alternat	ive Flows:	Privacy Policy". 1. When the System dis 2. The registre checkbox above the 3. The Accord User input	App User clicks on "Sign Usplays the registration page aration page further contains for acknowledging our Tern "Sign Up" submission form and Registration System retu	the message "Please tick the ns of Use and Privacy Policy!"
		When the System dis The registr	App User clicks on "Sign Usplays the registration page a ration page further contains be been filled up before subm	p", the Account Registration again. the message "Please ensure all itting!" above the "Sign Up"

	3. The Account Registration System returns to Step 4 and waits for the App User inputs.
Exceptions:	 EX-1: The App User repeatedly attempts to register for an account for more than ten times despite errors in input On the 11th failed attempt at registering for an account by the App User, when the App User clicks on "Sign Up", the Account Registration System displays the registration page again. The registration page further displays the message "Too many attempts! Please try again in 10 minutes." above the "Sign Up" submission form. The "Sign Up" button is unavailable for ten minutes. The Account Registration System only accepts registration from the App User's IP address after ten minutes.
Includes:	VerifyAccount
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	002				
Use Case Name:	Login				
Created By:	Lee Juin		Last Updated By:	Lee Juin	
Date Created:	25 th October 2022		Date Last Updated:	29th October 2022	
	Actor:	App User (Initiating)), Account Registration Sys	tem	
D	escription:	The App User can lo	gin to his/her account with	the correct credentials.	
Pred	Preconditions:		 The Account Registration System must be up and online. The App User must be connected to the Internet. The App User has a registered account with the Account Registration System. 		
Posto	conditions:	Or	Jser is notified of the reason	into his/her application account. (s) why he/she is unable to login to	
	Priority:				
Freque	ncy of Use:				
Flow	Flow of Events:		Jser clicks on "Login". Journal of the Markett System dispublished on the Markett System dispublished on the Markett System on "LOGIN". Journal of the Markett System verification of the Mar	plication through the Internet. plays the login page that contains a e and password. fies the credentials provided. App User is redirected to his/her	
Alterna	Alternative Flows:		splays the login page again. page further displays the me above the "Login" submis ant Registration System retu s. Left input field(s) blank App User clicks on "LOGIN applays the login page again. page further displays the me filled up before submitting!	N", the Account Registration	
F	Exceptions:		th failed attempt at logging the Account Registration S		

	The Account Registration System only accepts registration from the App User's IP address after ten minutes. EX-2: The App User forgot his/her login credentials The App User clicks on "Forget Password?" on the login page. The App User can recover his/her account using the extended use case LostAccHelp.
Includes:	
Extends:	LostAccHelp
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	003			
Use Case Name:	LostAccHelp			
Created By:	Lee Juin		Last Updated By:	Lee Juin
Date Created:	25th Octobe	er 2022	Date Last Updated:	29th October 2022
	Actor:	App User (Initiating), Account Registration Syst	tem
D	escription:	The App User can re	equest for help if he/she lost	access to his/her account.
Preconditions:		 The Account Registration System must be up and online. The App User must be connected to the Internet. The App User has forgotten his/her login credentials. 		
Post	conditions:	his/her cre	dentials.	red his/her account by changing
		The App (Jser has contacted support to	seek further assistance.
	Priority:			
	ncy of Use:			
	of Events:	2. The Accora a "Help" s 3. The App U Account". 4. The Accora submissio 5. The App U his/her em 6. The Accora submissio 7. The App U "Change". 8. The Accora 9. The App U	ubmission form. Jser inputs his/her registered unt Registration System disp n form. Jser inputs the one-time pass ail inbox. unt Registration System disp n form. Jser inputs a new set of user unt Registration System veri Jser is redirected back to the	clays the recover account page with a lemail and clicks on "Recover clays a "Security Check" sword (OTP) that has been sent to clays a "Change Security Details" name and password and clicks on fies the information provided.
Alterna	tive Flows:	1. The "Rese 2. The App U another O 3. The According User input of the App Use 1. When the address, the 2. The App User input of the	TP to his/her email inbox. ant Registration System returns. rentered an incorrect, but remails and the shape and the special system returns. App User realises that he/shape App User clicks on "Not earnt Registration System returns. rentered an incorrect, and not app User clicks on "Recover and System displays the recover system displays the recover and recover and recover	e has inputted an incorrect email email@serviceprovider.com?". rns to Step 2 and waits for the App ot registered email address er Account", the Account ver account page again. lays the message "Email not

	3. The Account Registration System returns to Step 3 and waits for the App User inputs		
Exceptions:	EX-1: The App User forgot his/her registered email.		
	 The App User clicks on "Contact Support" The Account Registration System redirects the App User to the FAQ page that contains the support email address. The App User contacts the support via email to retrieve access of his/her account. 		
Includes:			
Special Requirements:			
Assumptions:			
Notes and Issues:			

Use Case ID:	004				
Use Case Name:	VerifyAccount				
Created By:	Lee Juin		Last Updated By:	Lee Juin	
Date Created:	25 th October 2022		Date Last Updated:	29th October 2022	
	Actor:	App User (Initiating)	, Account Registration Syst	tem	
De	escription:	The Account Registr using this use case.	ation System can verify tha	t the inputted information are valid	
	Preconditions: Postconditions:		 The Account Registration System must be up and online. The App User must be connected to the Internet. The App User has input his/her new username, password, repeated password, and email. The App User has ticked the check box "I agree to the Terms of Use and Privacy Policy". The App User has clicked "Sign Up". The Account Registration System issues no conflict warning. The App User account registration is successful. Or The Account Registration System issues conflict warning. The App User account registration is unsuccessful.		
	Priority:				
Frequen	cy of Use:				
Flow	of Events:	available. 2. The Accousatisfies the case letter: 3. Upon completisplays the displays the sent Office. 5. The Accounthe sent Office. 6. The Accounthe sent Office.	nt Registration System chee e given constraints of at lead and one digit. Deletion of Step 1 and Step 2 e "Security Check" submiss ser inputs the one-time passerify his/her email address. nt Registration System veri	cks that the submitted username is cks that the submitted password st one upper case letter, one lower , the Account Registration System sion form. sword (OTP) sent to his/her email fies that the input OTP matches rns true, signalling the completion	
Alternat	ive Flows:	1. The Accounce 2. The registres taken. Plea 3. The Accounce precondition AF-2: The App User 1. The "Reser 2. The App User another OT 3. The Accounce User inputs	ation page further displays see try again!" above the "Sint Registration System returns to be satisfied. did not receive the OTP in and another OTP" button is a ser clicks on the "Resend a P to his/her email inbox. Int Registration System returns.	his/her email inbox available after 60 seconds. nother OTP" button to resend rns to Step 4 and waits for the App	
			er inputs an insecure passwo nt Registration System disp	ord lays the registration page again.	

	 The registration page further displays the message "Password does not meet the required standards" above the "Sign Up" submission form. The Account Registration System returns to Step 1 and waits for all the preconditions to be satisfied.
	AF-4: The App User inputs a mismatched password
	 The Account Registration System displays the registration page again. The registration page further displays the message "Passwords do not match" above the "Sign Up" submission form. The Account Registration System returns to Step 1 and waits for all the preconditions to be satisfied.
	AF-5: The App User inputs an incorrect OTP
	 The Account Registration System displays the "Security Check" submission form again. A message that says, "Incorrect OTP! Please try again!" is displayed above the "Security Check" submission form.
	The Account Registration System returns to Step 4 waits for App User input.
Exceptions:	EX-1: If the App User requests for more than three resent of OTP
	 The Account Registration System displays the registration page again. The registration page further displays the message "Please try again with a different email" above the "Sign Up" submission form. The Account Registration System returns to Step 1 and waits for all the preconditions to be satisfied.
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	005			
Use Case Name:	SearchItem	1		
Created By:	Jerick Lim Kai Zheng		Last Updated By:	Lee Juin
Date Created:	22 nd August 2022		Date Last Updated:	28 th August 2022
	Actor:	App User (Initiating)	, Search and Recommendat	tion System
D	escription:	The App User will be	e able to search for items w	ith keywords using this use case.
Preconditions:		 The App U The App U System. The App U 	Jser has logged in to his/her	rnet. nt with the Account Registration account.
Postconditions:		The App User obtained a list of searched items based on the keywords inputted. Or The App User is unable to obtain a search result based on the keywords inputted.		
	Priority:			
Frequei	ncy of Use:			
110 "	of Events:	 The App U The Search keyword, f The Search the searche The Search and the nur The Search the searche The Search the Sear	ed items using the included an and Recommendation Systember of results retrieved. In and Recommendation System and Recomme	n. tem searches, based on the nerce platforms. tem retrieves the information of use case <i>InfoRetrieve</i> . tem displays the searched keyword tem displays the searched items. tem recommends at least three included use case <i>Recommend</i> . tem provides a set of parameters to
Alterna	tive Flows:	sold out items. 1. The Search the e-commuser. 2. A "Sold Or out. 3. The Search the App User. AF-2: The App User 1. The Search items. 2. The Search instead of the search results. 4. The Search the Search results.	and Recommendation Systemerce platforms based on the art symbol is further displayed and Recommendation Systemer to input another keyword inputs nothing and clicks on the Recommendation Systemes as Recommendation Systemes and Recommendation Systemes and Recommendation Systemes as Recommenda	m displays a list of 100 random m displays "Random items" m displays 100 as the number of tem returns to Step 1 and waits for

Exceptions:	EX-1: The Search and Recommendation System is unable to retrieve any items		
	 based on the keyword. The Search and Recommendation System will not display any search results. A message that says, "No results found! Sorry we cannot find any results for your search item." is displayed instead. The Search and Recommendation System will return to Step 1 and waits for the App User to input another keyword. 		
Includes:	InfoRetrieve, ProvideParam, Recommend		
Special Requirements:			
Assumptions:			
Notes and Issues:			

II G ID	201					
Use Case ID:	006					
Use Case Name:	Recommend					
Created By:	Jerick Lim	Kai Zheng	Last Updated By:	Lee Juin		
Date Created:	22 nd Augus	st 2022	Date Last Updated:	28 th August 2022		
	Actor:	App User (Initiating)	, Search and Recommendat	ion System		
	Description: Preconditions:		Based on the searched items, the Search and Recommendation System recommends the App User other similar items using this use case. 1. The Search and Recommendation System is up and online.			
			 The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. 			
Posto	onditions:	App User obtains a list of recommended items based on the searched items.				
	Priority:					
Frequen	ncy of Use:					
Flow	Flow of Events:		d. and Recommendation Syst d items based on the search	tem returns a list of items based on tem recommends at least three and item. om of the page, the App User can		
Alternat	Alternative Flows:		AF-1: The Search and Recommendation System is unable to retrieve any items pased on the keyword.			
		on the keyv 2. The Search	on the keyword instead as recommended items to the App User.			
E	xceptions:	EX-1: The App User	inputs nothing and clicked	on the search icon.		
			App User inputs nothing, the last last last last last last last last	e Search & Recommendation .		

	The Search & Recommendation System will not display any recommended items.
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	007				
Use Case Name:	ProvideParam				
Created By:	Jerick Lim Kai Zheng		Last Updated By:	Lee Juin	
Date Created:	22 nd Augus	et 2022	Date Last Updated:	28 th August 2022	
	Actor:	App User (Initiating)	, Search and Recommendat	ion System	
De	escription:		e searched results using this		
Prec	onditions:	 The Search and Recommendation System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. 			
Postc	onditions:		orts the returned list of item obtains the best deal of the i	ns based on the parameters set. tem searched.	
	Priority:				
Frequen	cy of Use:				
Flow of Events:		 search icon. The Search and Recommendation System returns a list of items based on the keyword. The Search and Recommendation System provides a set of parameters such as price, number of purchases, form of rebate, delivery fee, payment methods and rating. The App User sorts the results using the parameters and clicks on "Apply". The Search and Recommendation System re-displays the list of times based on the parameters set. The Search and Recommendation System computes the best deal for the App User based on the parameters set. 			
Alternat	ive Flows:	 AF-1: The parameters set by the App User does not match any searched items The Search and Recommendation System will not display any search results. A message that says, "No items that matches the filters set!" is displayed instead. The Search and Recommendation System returns to Step 1 and waits for 			
	xceptions:	**	ser to re-adjust the paramete		
Е			and Recommendation Systems that says, "No results found arch item." is displayed instant Recommendation Systems and Recommendation Systems arameters.	tem will not display any search d! Sorry we cannot find any results tead. tem will not allow the App User to tem returns to Step 1 and waits for	
	Includes:				
Special Requ	irements:				

Assumptions:	
Notes and Issues:	

Use Case ID:	008				
Use Case Name:	InfoRetriev	/e			
Created By:	Jerick Lim Kai Zheng		Last Updated By:	Lee Juin	
Date Created:	22 nd Augus	st 2022	Date Last Updated:	28 th August 2022	
	Actor:	App User (Initiating) Platform	App User (Initiating), Search and Recommendation System, E-Commerce Platform		
De	escription:		ommendation System retriev forms using this use case.	ves the information of an item from	
Prec	onditions:	 The Search and Recommendation System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. 			
Postc	onditions:	The Search and Reco	ommendation System displa	ys the information of each item in	
	Priority:				
Frequen	cy of Use:				
	Flow of Events:		 The App User inputted a keyword in the search box and clicked on the search icon. The Search and Recommendation System returns a list of searched items. The Search and Recommendation System retrieves the information of the searched items from the e-commerce platforms such as rating, price, number of items sold, payment method, rebates, and delivery fee. The Search and Recommendation System displays the information of each item. 		
Alternat	ive Flows:	AF-1: There is no relevant rebate of the searched item			
		 The Search and Recommendation System will not show any rebates. A message that says, "No relevant rebates." is displayed instead at the rebate column. 			
E	Exceptions:		 EX-1: The Search and Recommend System returns a list of items which includes sold out items. The Search & Recommendation System is unable to retrieve certain information such as price and delivery fee. The Search & Recommendation System only displays the item name and the platform it was once sold on to the App User. A "Sold Out" symbol is further displayed over the items which are sold out. 		
	Includes:				
Special Requ	Special Requirements:				
Ass	Assumptions:				
Notes a	nd Issues:				

Use Case ID:	009					
Use Case Name:	AddFriend					
Created By:	Oi Yeek Sheng		Last Updated By:	Lee Juin		
Date Created:	22 nd Augus	st 2022	Date Last Updated:	28 th August 2022		
	Actor:	App User (Initiating	Actor), Account Registration	on System		
De	escription:	The App User can se	nd, accept, and reject friend	I request using this use case.		
	Preconditions: Postconditions:		 The Account Registration System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. The App User successfully sent a friend request to another App User. And The App User accepts the friend request of another App User. 			
	Priority:	Or 3. The App User rejects the friend request of another App User.				
Fragger	cy of Use:					
	of Events:	1. The App U	ser clicks on the profile ico	m in the marriantian manual		
		 The App User navigates to "Add Friends" section. The App User searches the username of another App User. The App User sends a friend request to the searched App User by pressing on the add friend icon. The App User's friend accepts the friend request by clicking on "Accept" next to the App User's name in the "Friend Request" section. The App User is notified via email that the friend request has been accepted. 				
Alternat	Alternative Flows:		other App User rejects the friend request The App User's friend rejects the friend request by clicking on "Reject" text to the App User's name in the "Friend Request" section. The App User is notified via email that the friend request has been ejected. The Account Registration System returns to Step 3 and waits for the App User to search for another App User.			
E	Exceptions: EX-1: The searche		ned username is not available			
	searched u 2. The Accord		sername is not available. Ple	plays the message that says, "The ease type a valid username." rns to Step 3 and waits for the App		
	Includes:					
Special Requ	irements:					
Ass	umptions:					
Notes a	nd Issues:					

Use Case ID:	010					
Use Case Name:	CreateWisl	ishList				
Created By:	Oi Yeek Sl	neng	Last Updated By:	Lee Juin		
Date Created:	22 nd Augus	st 2022	Date Last Updated:	28 th August 2022		
	Actor:	App User (Initiating System, E-commerce		Search and Recommendation		
D	escription:	The App User can create a wish list of items sold on e-commerce platforms using this use case.				
	Preconditions:		 The Wish List System is up and online. The Search and Recommendation System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. 			
Posto	conditions:	The App User succes	ssfully creates a wish list an	d adds an item to his/her wish list.		
E	Priority:					
	of Events:	1. The App U	Iser clicks on the heart icon	on the navigation panel		
		 A message that says, "You do not have a wish list yet. Do you want to create one now?" is displayed to the App User. The App User selects "Sure!" to create his/her wish list. The App User gives his/her wish list a name. The App User inputs a keyword in the search bar and clicks on the search icon. The Search and Recommendation System retrieves a list of items based on the keyword. The App User adds the selected items to his/her wish list by clicking on the heart icon on the selected item. 				
Atternat	Alternative Flows:		en the App User adds the item to his/her wish list, the App User is mpted with a warning message that says "Warning! The added item is rently sold out and may not be available anytime soon!" App User clicks on "I understand." to proceed. Wish List System returns to Step 3 and waits for the App User to another item to his/her wish list. Op User decides not to create a wish list. Per Step 2, the App User selects "Maybe later!". Wish List System redirects the App User back to the home page. Wish List System returns to Step 2 and waits for the App User section.			
F	Exceptions:	one. 1. When the apprompted visit is a second of the seco	1. When the App User adds the item to his/her wish list, the App User is prompted with a warning message that says, "Error! You do not have a			
		 If the App list for the The App U If the App 	et! Do you want to create or User clicks on "Sure!", the App User with the previous Iser gives his/her wish list a User clicks on "Maybe later and the item is not added to	Wish List System creates a wish sly added item inside. name. r!", the warning message		

Lab 1

Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Use Case ID:	011				
Use Case Name:	ViewWishList				
Created By:	Oi Yeek Sheng		Last Updated By:	Lee Juin	
Date Created:	22 nd Augus	st 2022	Date Last Updated:	28 th August 2022	
	Actor:	App User (Initiating	Actor), Wish List System		
De	escription:	The App User can vi	ew his/her, and his/her frier	nds' wish list using this use case.	
	onditions:	 The Wish List System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. The Wish List System displays the App User's wish list. 			
	Priority:	Or The Wish List System displays the App User friends' wish list.			
Frequen	cy of Use:				
Flow	Flow of Events:		 The App User clicks on the heart icon in the navigation panel. The Wish List System displays the App User's wish list with all the added items. The App User clicks on the profile icon in the navigation panel. The App User navigates to "Friends" section. The App User clicks on "View Wishlist". The Wish List System displays the App User friend's wish list. 		
Alternat	Alternative Flows:		e a wish list yet. Do you wa User. User selects "Sure!", the W ser gives his/her wish list a User selects "Maybe later!" List System redirects the Ap	t icon, A message that says, "You nt to create one now?" is displayed ish List System creates a wish list. name.	
E	Exceptions:		st!" is displayed to the App ser clicks on "Okay."	rry! The user has not yet created	
	Includes:				
Special Requ	iirements:				
Ass	umptions:				
Notes a	nd Issues:				

Use Case ID: 0)12					
Use Case Name: E	BirthdayNotification					
Created By: C	Oi Yeek Sheng		Last Updated By:	Lee Juin		
Date Created: 2	22 nd Augus	t 2022	Date Last Updated:	28 th August 2022		
	Actor:	App User (Initiating	Actor), Account Registration	on System, E-commerce Platforms		
Desc	cription:	The App User can receive birthday notification of his/her friends using this use case.				
Precon	Preconditions:		 The Account Registration System is up and online. The App User is connected to the Internet. The App User registered for an account with the Account Registration System. The App User has logged in to his/her account. 			
Postcon	nditions:	The App User is pro	npted about his/her friends	'birthday 7 days in advance.		
I	Priority:					
Frequency	y of Use:					
110 % 01	Flow of Events:		that says, "You will be not rance." will be displayed to nt Registration System regi eature.	Birthday Notification feature. ified of your friend's birthday 7 the App User. sters that the App User has opted other App User, the App User is		
Alternativo	1. When the the App U birthday. 2. If the App attempts to personal of App User 3. The According to the App User		User chooses not to set up his/her Step 2, an error message the stails prior to opting in for the	er Profile page for the first time, personal details, including his/her personal details and hat says, "Please set up your his feature!" will display to the rns to Step 3 and waits until the		
Exc	Exceptions: EX-1: The App User		's friend has not set up his/h	ner birthday details		
		1. The App User will not be notified of his/her friend's birthday.		is/her friend's birthday.		
Iı	ncludes:					
Special Requir	ements:	nts:				
Assun	nptions:	3:				
Notes and	d Issues:					