

Use Case Id:	1		
Use Case Name:	Create account		
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Register a new account
Preconditions:	<ol style="list-style-type: none"> <li>1. User does not have an account</li> <li>2. User is connected to the internet</li> </ol>
Postconditions:	-
Priority:	Medium
Frequency of Use:	1 per lifetime
Flow of Events:	<ol style="list-style-type: none"> <li>1. User enters email address, first name, last name, password and confirm password fields.</li> <li>2. User select the create account button.</li> <li>3. System validates the password and confirm password fields are identical.</li> </ol>
Alternative Flows:	AF-S3: System detects mismatch between the password and confirm password. 1. System displays error message "Password mismatch. Please re-enter." 2. Return to Step 1.
Exceptions:	-
Includes:	Check if email is taken.
Special Requirements:	-
Assumptions:	-Database is based on system database
Notes and Issues:	-

Use Case Id:	2
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Use Case Name:		Stock search	
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Search Stock in the stock search page or using widget at nav
Preconditions:	<ol style="list-style-type: none"> <li>1. User is logged in</li> <li>2. There is internet connection</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. Page displays list of stocks with the name searched</li> </ol>
Priority:	High
Frequency of Use:	10 to 20 times a day
Flow of Events:	<ol style="list-style-type: none"> <li>1. User type the name of the stock they intend to search</li> <li>2. User clicks on search button</li> <li>3. Systems check on name with api</li> <li>4. Name was a match with a/some stock/s in the api calling</li> </ol>
Alternative Flows:	AF-S4: Stock was not found from api calling and message popup “ No stock found” is shown
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case Id:	3		
Use Case Name:	Bookmark stock		
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Bookmark stock in the search stock page
Preconditions:	<ol style="list-style-type: none"> <li>1. User is logged in</li> <li>2. User have internet connected</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. Stock is saved into database</li> </ol>
Priority:	High
Frequency of Use:	10 to 20 times a day
Flow of Events:	<ol style="list-style-type: none"> <li>1. User clicks on heart button beneath a stock</li> <li>2. Heart button changes colour</li> </ol>
Alternative Flows:	-
Exceptions:	-
Includes:	Check if email is taken.
Special Requirements:	-
Assumptions:	<ol style="list-style-type: none"> <li>1. User is already on search stock page</li> <li>2. There are stocks shown on page</li> </ol>
Notes and Issues:	-

Use Case Id:	4		
Use Case Name:	Save stock		
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Display saved stock in bookmark page
Preconditions:	<ol style="list-style-type: none"> <li>1. User does not have an account</li> <li>2. User is connected to the internet</li> </ol>
Postconditions:	-
Priority:	High
Frequency of Use:	5 to 10 times a day
Flow of Events:	<ol style="list-style-type: none"> <li>1. User clicks on bookmarks tab on sidenav</li> <li>2. System checks with database on bookmarked stocks</li> <li>3. Show all stocks saved</li> </ol>
Alternative Flows:	AF-S3: There are no stock saved. Display message there are no stock saved.
Exceptions:	-
Includes:	Check if email is taken.
Special Requirements:	-
Assumptions:	-Database is based on system database
Notes and Issues:	-

Use Case Id:		5	
Use Case Name:		Change password	
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Change account password in the profile page
Preconditions:	<ol style="list-style-type: none"> <li>1. User is logged in</li> <li>2. User have internet connection</li> </ol>
Postconditions:	-
Priority:	Medium
Frequency of Use:	1 to 10 times a lifetime
Flow of Events:	<ol style="list-style-type: none"> <li>1. User click on user settings on nav</li> <li>2. Upon page loaded, user click on change pw button</li> <li>3. User key in email together with old password, new password and cfm password</li> <li>4. System checks and detects a match</li> <li>5. Password is changed</li> </ol>
Alternative Flows:	AF-S4: System detects mismatch between the password and confirm password. 1. System displays error message "Password mismatch. Please re-enter." 2. Return to Step 1.
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case Id:		6	
Use Case Name:		Remove bookmarks	
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	User
Description:	Remove bookmarks in the bookmark page
Preconditions:	<ol style="list-style-type: none"> <li>1. User is logged in</li> <li>2. User is connected to the internet</li> </ol>
Postconditions:	-
Priority:	Medium
Frequency of Use:	10 to 20 times a day
Flow of Events:	<ol style="list-style-type: none"> <li>1. User clicks on bookmark page</li> <li>2. User clicks on colored hear on bookmarked listing</li> <li>3. Bookmark removed</li> </ol>
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-There are bookmarked stocks in page
Notes and Issues:	-

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Use Case Id:		7	
Use Case Name:		Validate account	
Created by:	Puah Rong Qi	Last updated by:	
Date created:	16/3/24	Date last updated:	

Actor:	System
Description:	Validate on account availability based on database
Preconditions:	<ol style="list-style-type: none"> <li>1. User have an account</li> <li>2. User is connected to internet</li> </ol>
Postconditions:	<ol style="list-style-type: none"> <li>1. User will be able to search stock</li> <li>2. User will be able to bookmark stock</li> <li>3. User will be able to remove bookmark stock</li> </ol>
Priority:	Medium
Frequency of Use:	1 to 3 times a day
Flow of Events:	<ol style="list-style-type: none"> <li>1. User enters email address and password</li> <li>2. User click on login</li> <li>3. System validates credentials with those stored in the database</li> </ol>
Alternative Flows:	<p>AF-S3: System detects mismatch between the password or email.</p> <ol style="list-style-type: none"> <li>1. System displays error message "Password/email mismatch. Please re-enter."</li> </ol>
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-