

TRADING VISION PROJECT- TVP

D0160 - USER-INTERFACE DESIGN

Version: 1.2

Status: Approved

Approver: Ngô Thái Bình
Nguyễn Thị Diễm Trang

Author: Nguyễn Bảo Nguyên
Quách Hoàng Minh
Nguyễn Vũ Anh Thư
Ngô Gia Hân

netcompany

Document History

Version	Date	Author	Status	Comments
1.0	16/01/2022	Nguyễn Bảo Nguyên	Draft	Outlined main document sections and overview of screens.
1.1	27/05/2022	Nguyễn Vũ Anh Thư	Draft	Review and fix detail in document
1.2	28/05/2022	Ngô Gia Hân	Draft	Reformat the documents

References

Reference	Title	Author	Version

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1. Introduction

The User-Interface Design documents the visual design of all pages on the **Trading Vision Project (TVP)**. The document also describes the components used for each page, as well as the structural layout and navigational flow.

1.1. Target Audience

The purpose of this document is to describe and document the user interface for the solution.

The target audience is intended for developers, who are to implement the solution, as well as testers who are to test and approve the implemented solution.

1.2. Delimitation

In this document, there is one main section describing the user interface of the Trading Vision Project: Page Layouts - Section 2. Page Layouts documents the different layouts used.

2. Page Layouts

The following sections will describe the layouts used on the TVP.

2.1. Header



Figure: Header

The Header template, which shows logo, search box, linked pages: Market, Favorite and Reminder. On the right, there is a user profile.

2.2. Footer

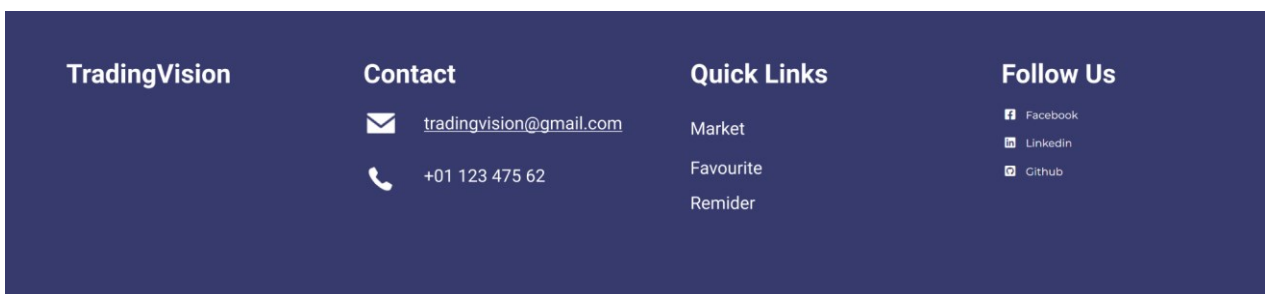


Figure 1: Footer

The Footer template, which will use the entire viewport width of the browser. It contains Contact, Quick Links and Follow Us columns.

2.3. Login form

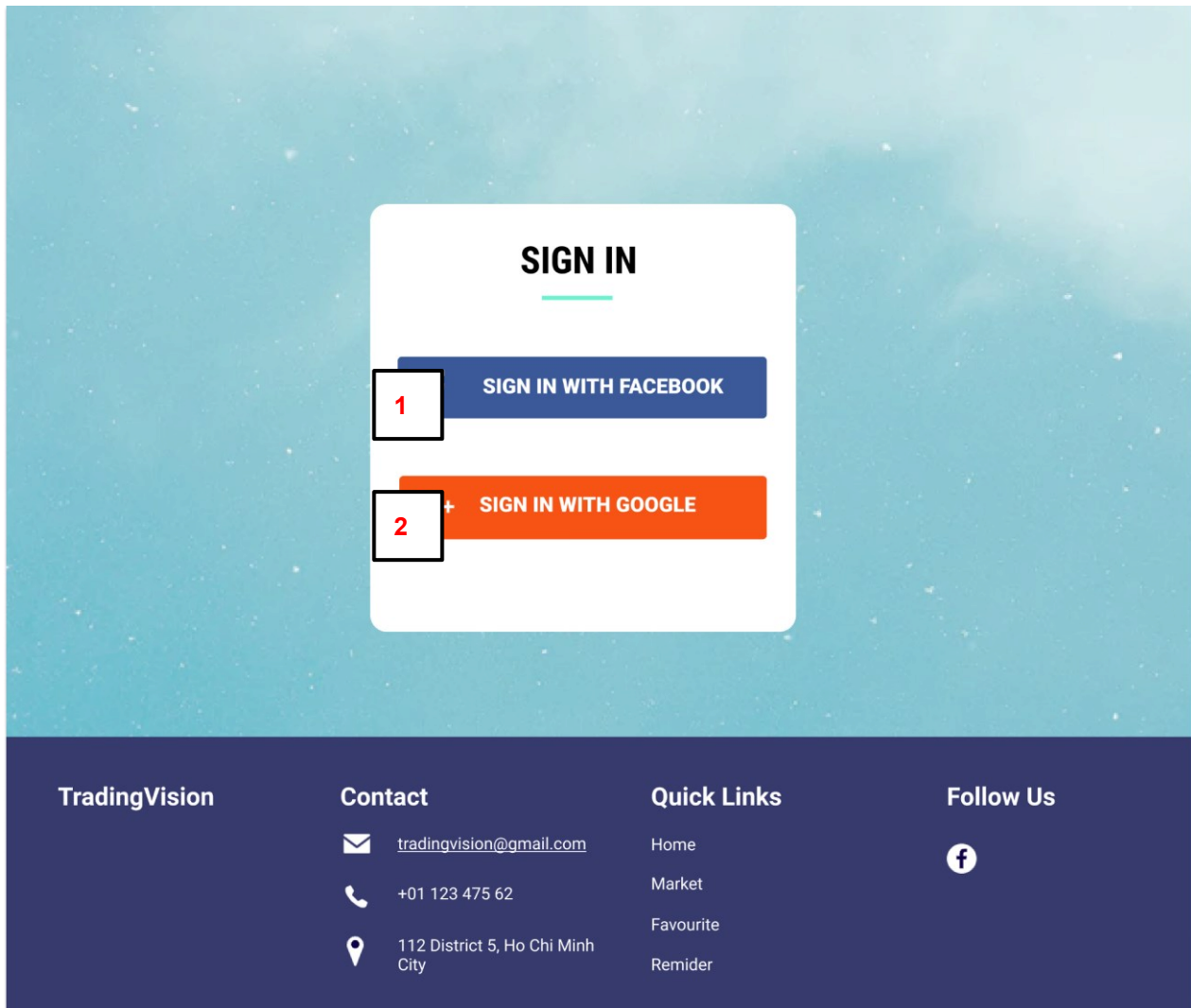


Figure 2: Login Page

Table 1: Login functions

Footnote	Component Name	Note
1	Sign In with Facebook	Login with Facebook account
2	Sign In with Google	Login with Google account

2.4. Search Index

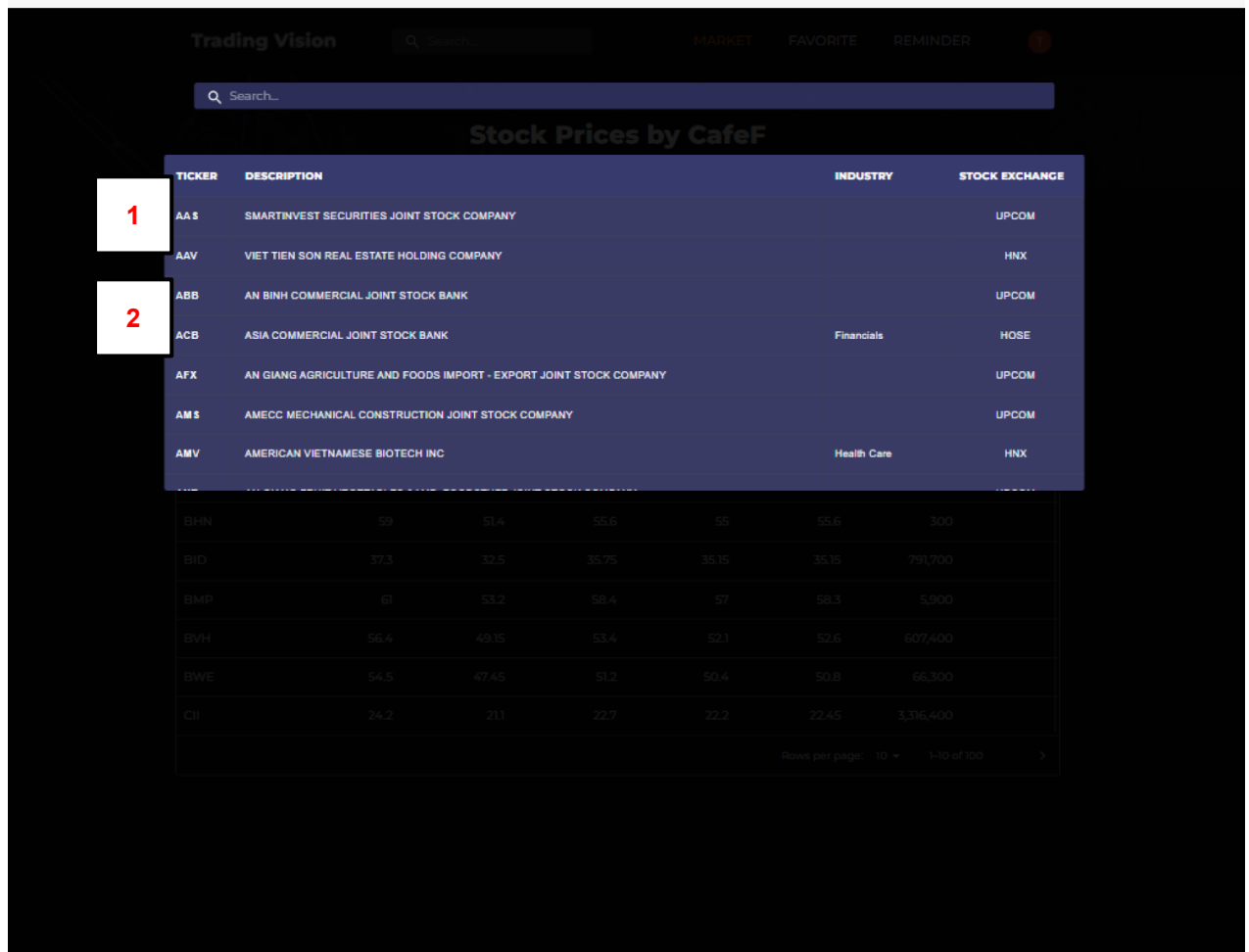


Figure 3: Search popup

When users click on the search bar, a popup will be displayed. Users can see all stocks belonging to each stock exchange or can write exact stock symbols to find. All stocks are always displayed in alphabetical order.

Table 2: Search functions

Footnote	Component Name	Note
1	Search bar	Let user input appropriate stock ticker
2	Stocks list	Clicking on each ticker will lead to a specific stock page.

2.5. Favorite List

In case, user does not have any favorite stock, there is a message “**There is nothing here. Please, add your favorite stock**”.

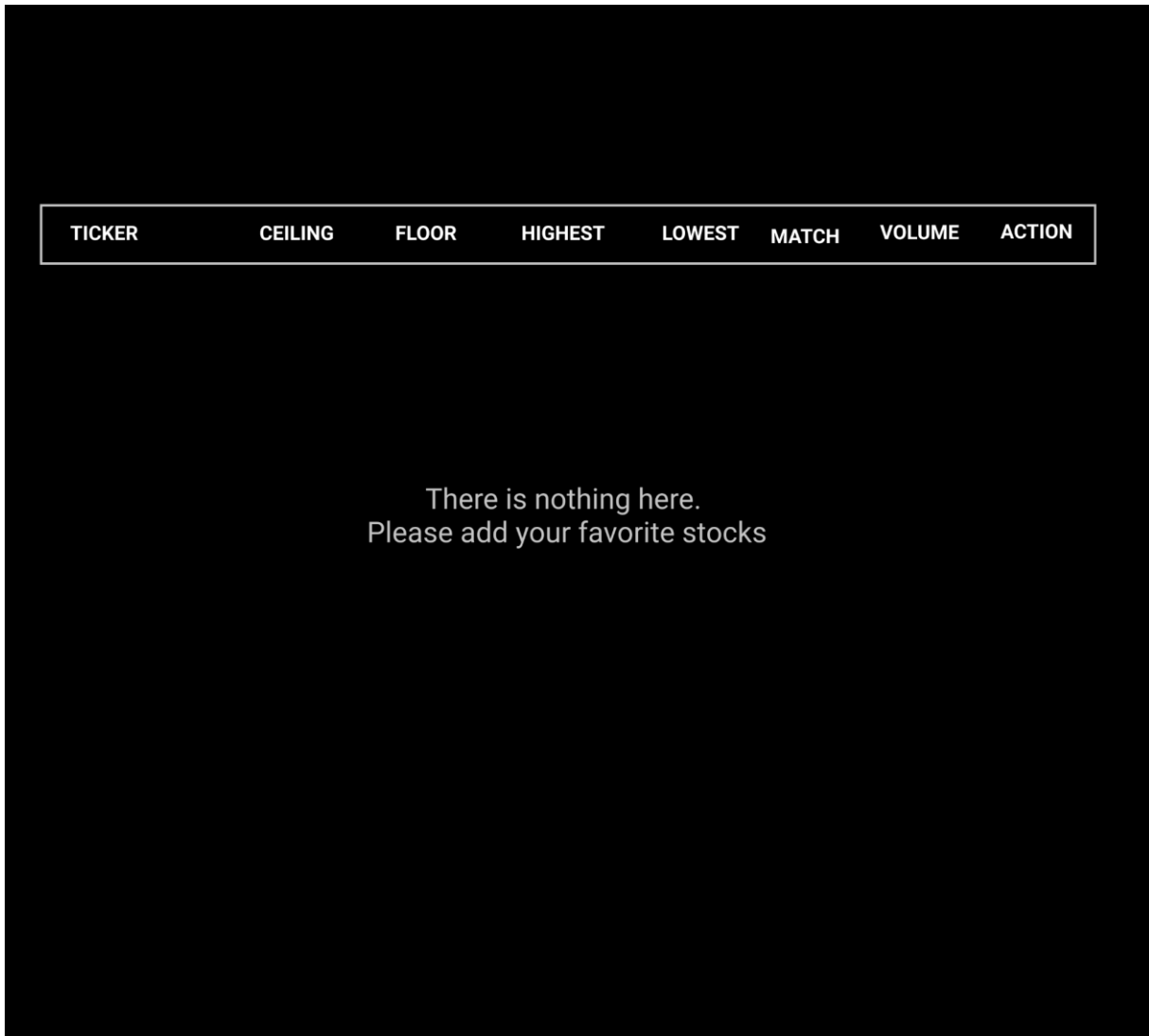


Figure 4: Favorite page with empty stock






TICKER	CEILING	FLOOR	HIGHEST	LOWEST	MATCH	VOLUME	ACTION
1 Ticker Label	Price	Price	Price	Price	Price	XXXXXX	
Ticker Label	Price	Price	Price	Price	Price	XXXXXX	
Ticker Label	Price	Price	Price	Price	Price	XXXXXX	
Ticker Label	Price	Price	Price	Price	Price	XXXXXX	
Ticker Label	Price	Price	Price	Price	Price	XXXXXX	
						Rows per page: 10 ▾ 1-3 of 3 < >	
2							

Figure 5: Favorite page

Table 3: Favorite functions

Footnote	Component Name	Note
1	Favorite stocks list	Clicking on the stock ticker will lead to a specific stock page. In order to remove a stock from the favorite list, click on the "Bin" button.
2	Page button	Clicking on the arrow icon to switch pages

The favorite page, this page displays all the stock, which the user follows. It will have the search bar for searching the stock favorite and the information of all the stock users added to this list. These stocks also show the information including ceiling price, floor price, highest price, lowest price, match, volume.

Users can click the “Bin” icon to remove a stock from the Favorite List. There is a pop up displayed.

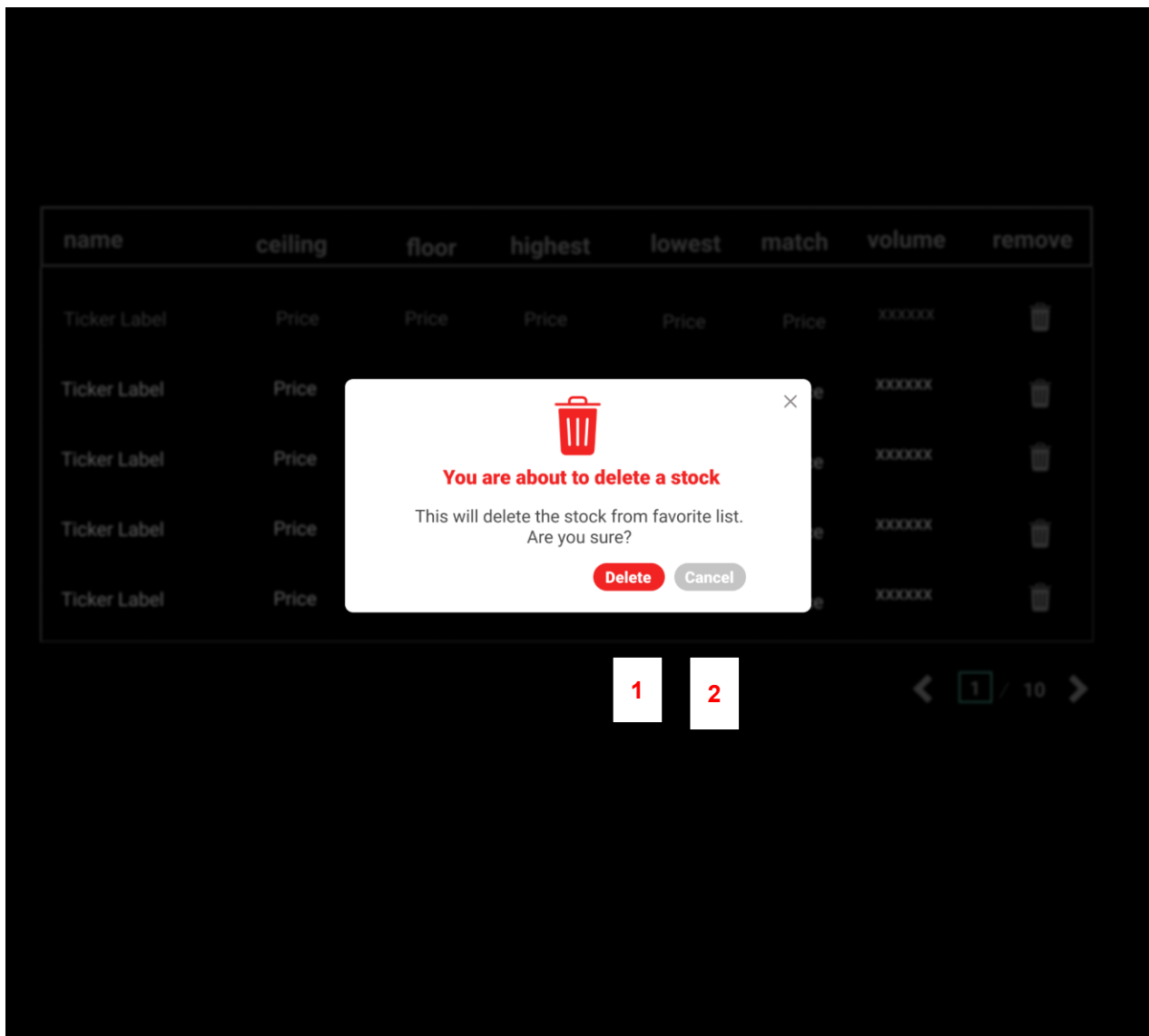


Figure 6: Delete favorite stock

Table 4: Delete favorite function

Footnote	Component Name	Note
1	Delete button	Clicking on the Delete button, the chosen stock will be removed from the list. Then back to the Favorite list page.

2	Cancel button	Clicking on the Cancel button, the popup will be closed. Users remain at the Favorite page.
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2.6. View Specific Stock

2.6.1 Stock's Information

This is the stock detailed page, which will contain the stock's sticker label and the detailed information of each stock. This will contain the name of the company, field, link to a webpage, a short description of the company, and some financial numbers.

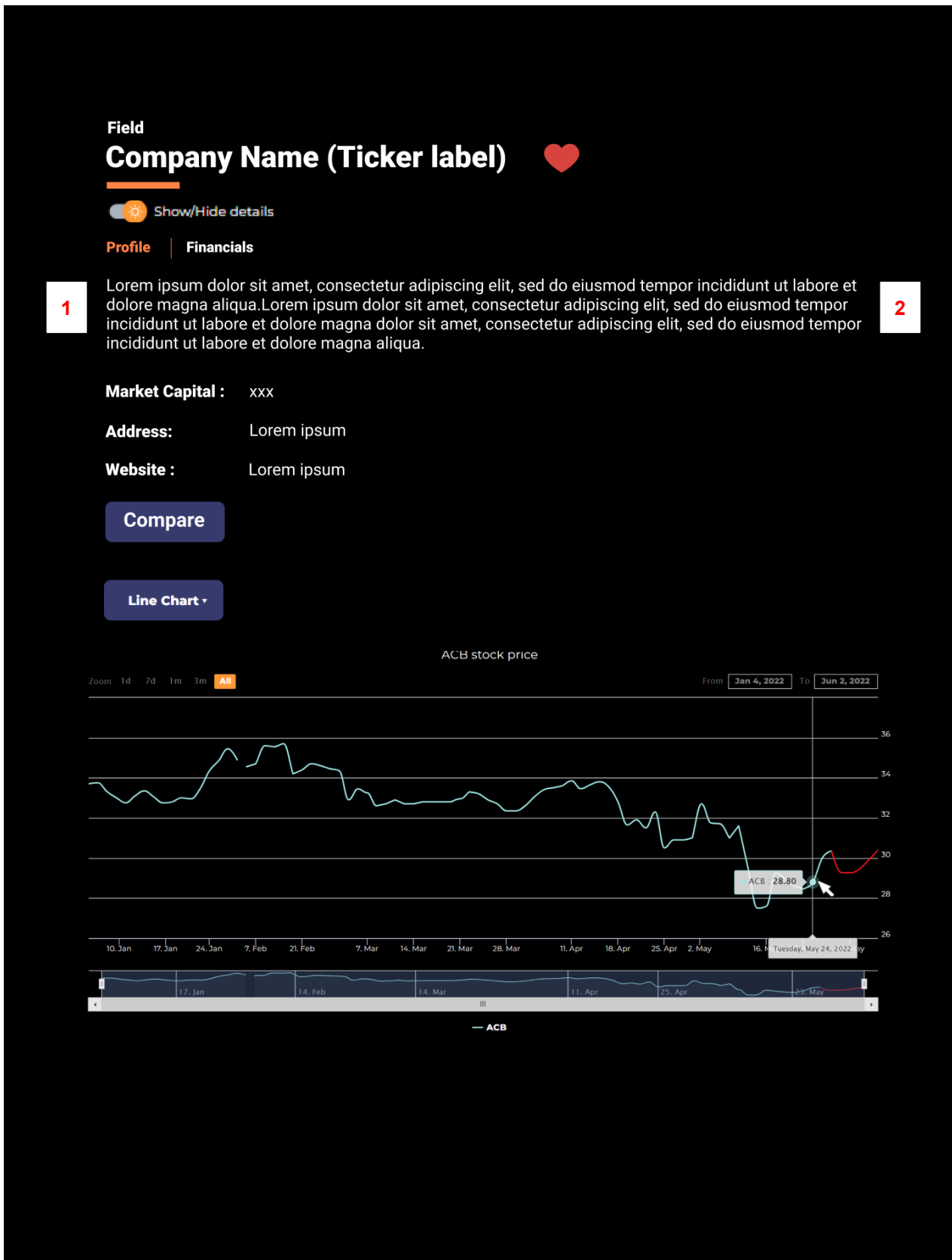


Figure 7: Specific page for favorite stock



Figure 8: Specific page for unfavorite stock

Table 5: Specific page

Footnote	Component Name	Note
1, 2	Company Info	<p>In profile tab, there are:</p> <ul style="list-style-type: none">- Full name and relating stock symbol of that company- Its address, brief information, market capitalization and website. <p>In financials tab, there are:</p> <ul style="list-style-type: none">- Outstanding shares, Listed Shares, Book Value, ROA, ROE, Total Assets, EPS Diluted, Basic EPS, P/E.

2.6.2 View chart

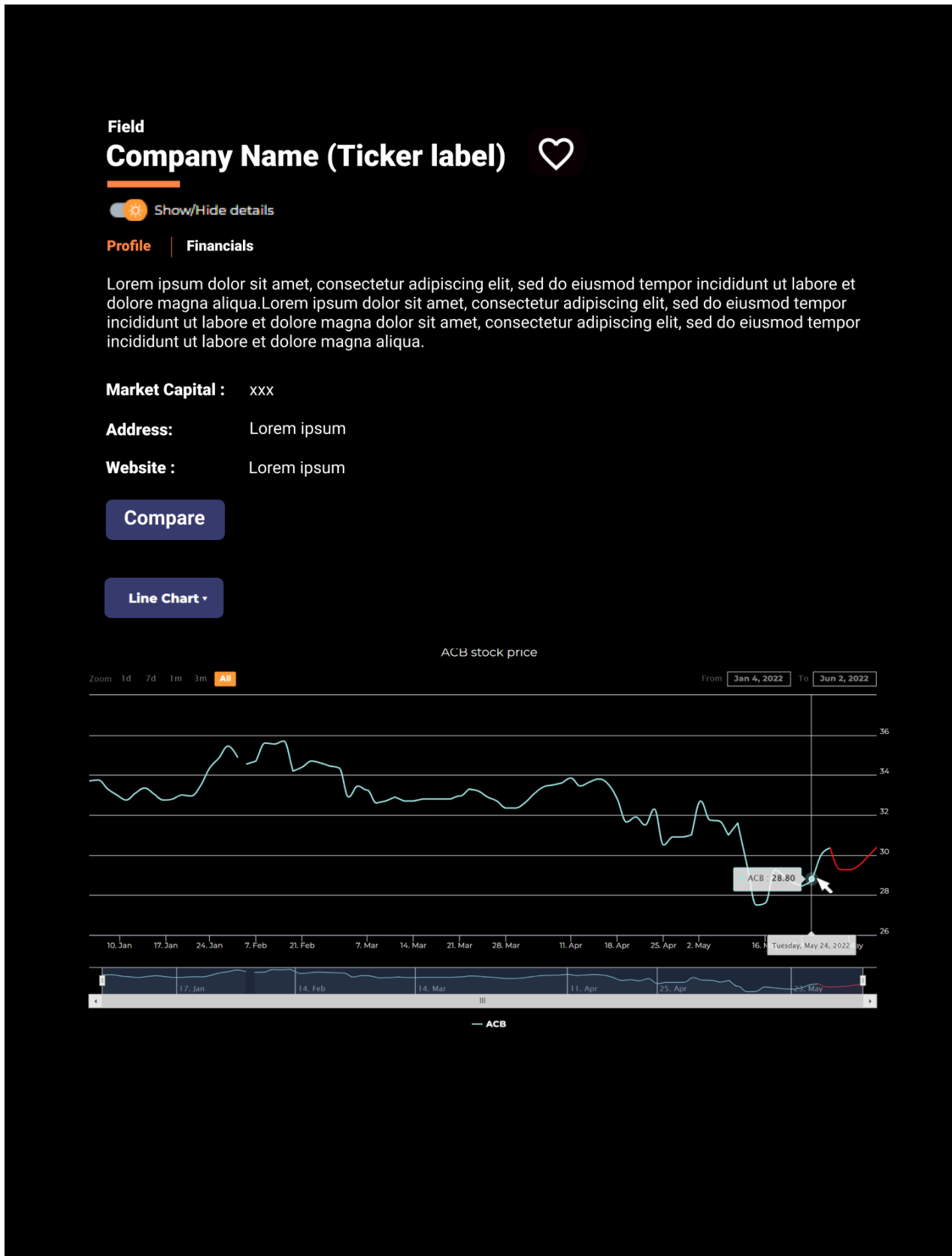


Figure 9: Line chart



Figure 10: Candlestick chart

Table 6: Chart information

Footnote	Component Name	Note
1	Chart type	Choosing appropriate type of chart: candlestick chart, line chart with prediction line, and line chart with all historic predicted value
2	Price tag	Display price and date at a point on the chart when hovering over it.

2.7. Compare stocks

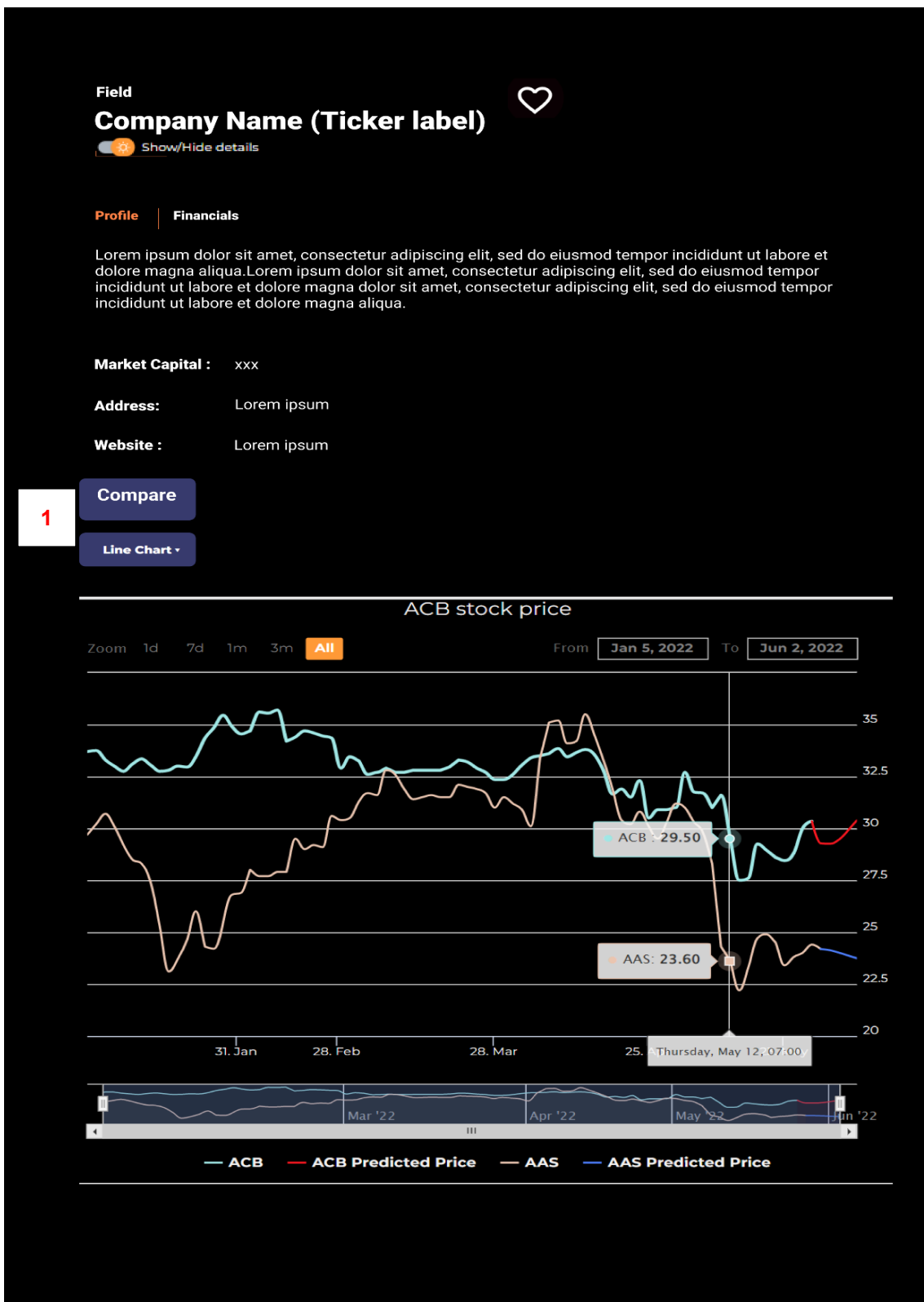


Figure 11: Compare stock button

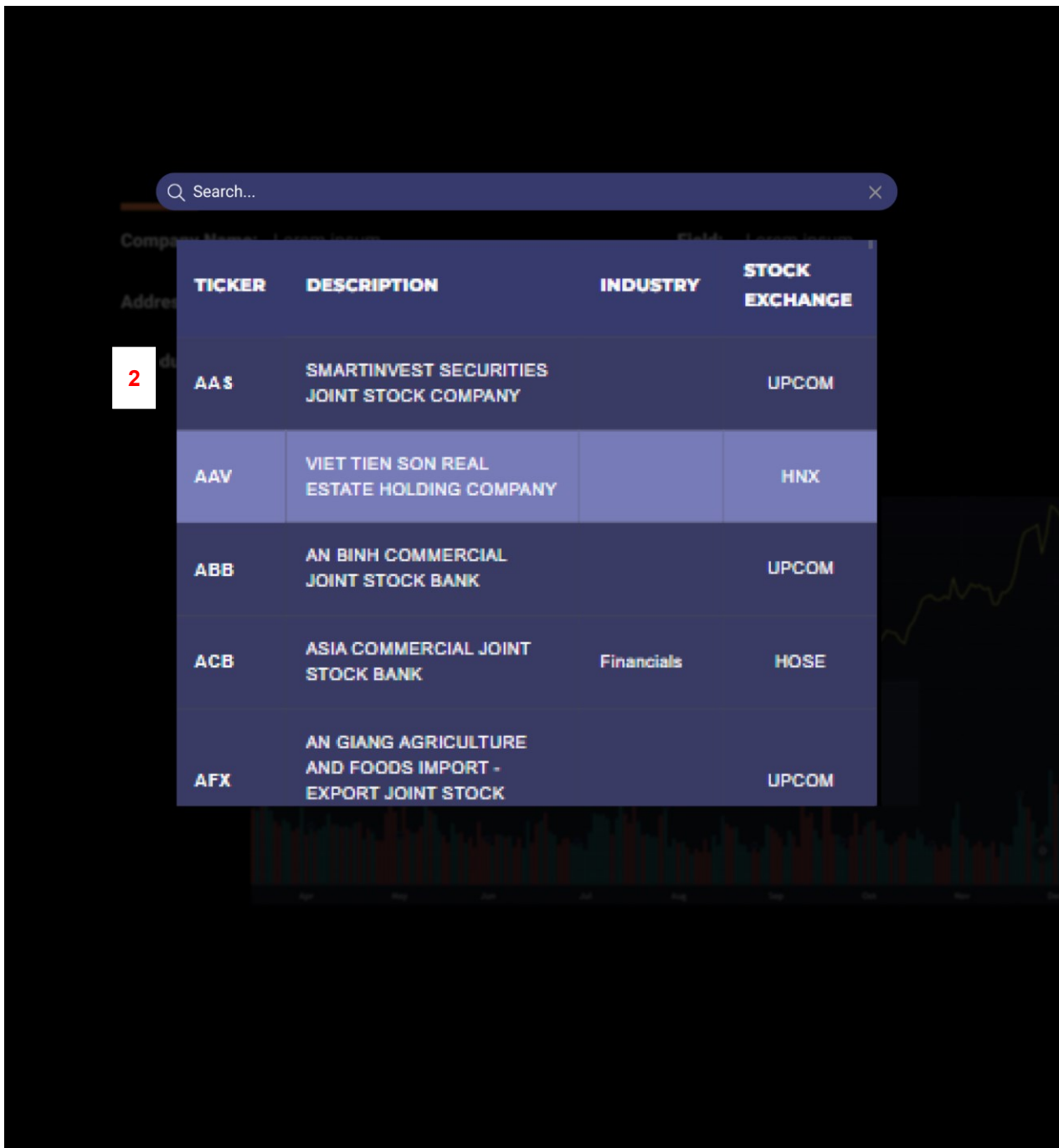


Figure 12: Compare popup

Table 7: Compare function

Footnote	Component Name	Note
1	Compare button	A popup will be shown up. You can search like what you do in the search function.

2	Choose Index	<p>Choose a stock label by clicking on it.</p> <p>If the user wants to choose another stock label,click the Compare button again, and choose the stock that you chose before one more time.</p> <p>If you want to close the compare function, click outside the popup</p>
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2.8. Reminder List

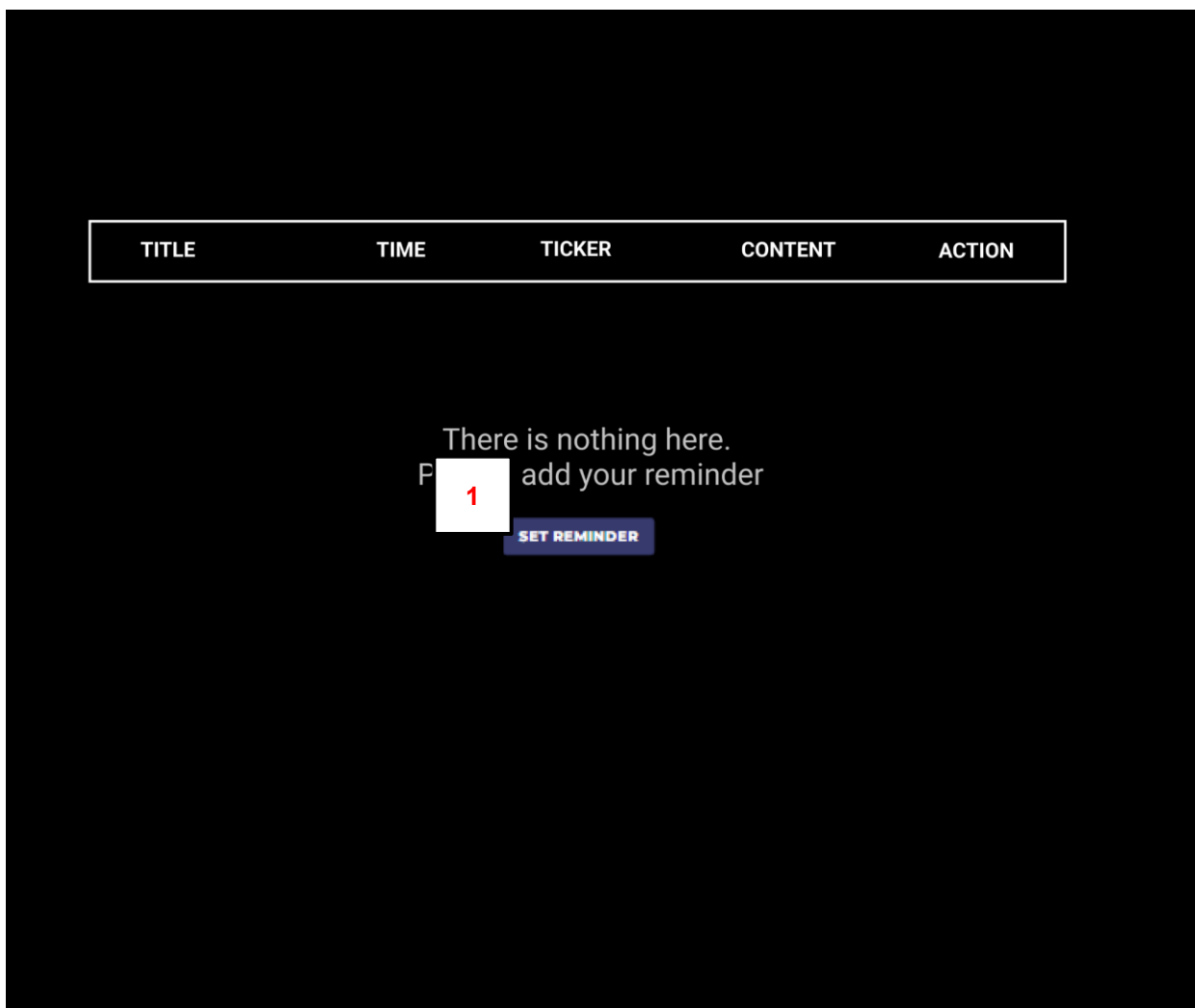


Figure 13: Reminder page with empty reminder

Table 8: Reminder function

Footnote	Component Name	Note
1	Set reminder button	When there is no reminder at the list, it will show this page. Clicking on the "Set reminder" button to add a new reminder.

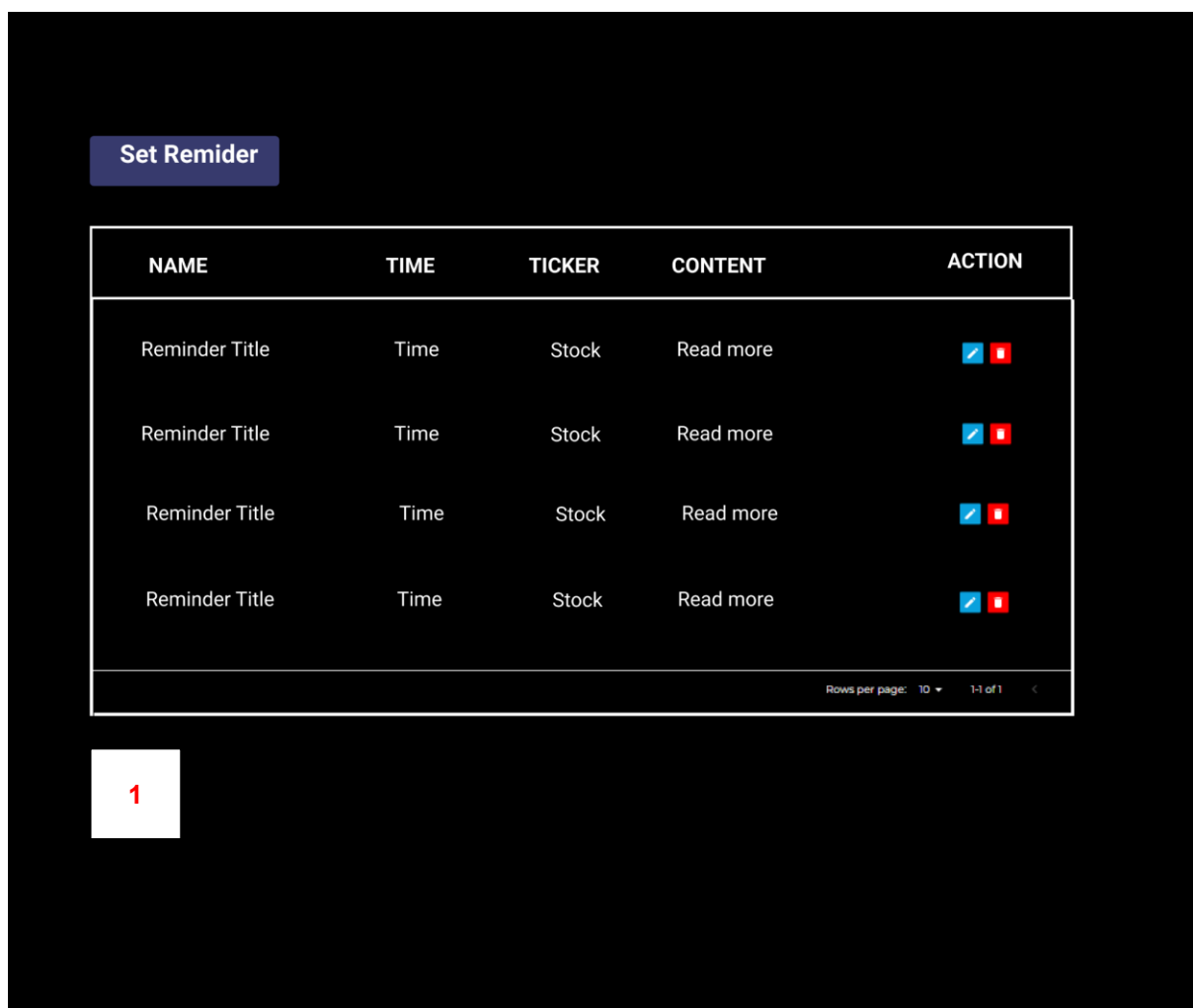


Figure 14: Reminder page

Table 9: Reminder list

Footnote	Component Name	Note
1	Reminder list	<p>Clicking on the reminder to read the full content of the reminder.</p> <p>In order to remove a reminder from the reminder list, click on the “Bin” button</p>

2.8.1 Add reminder

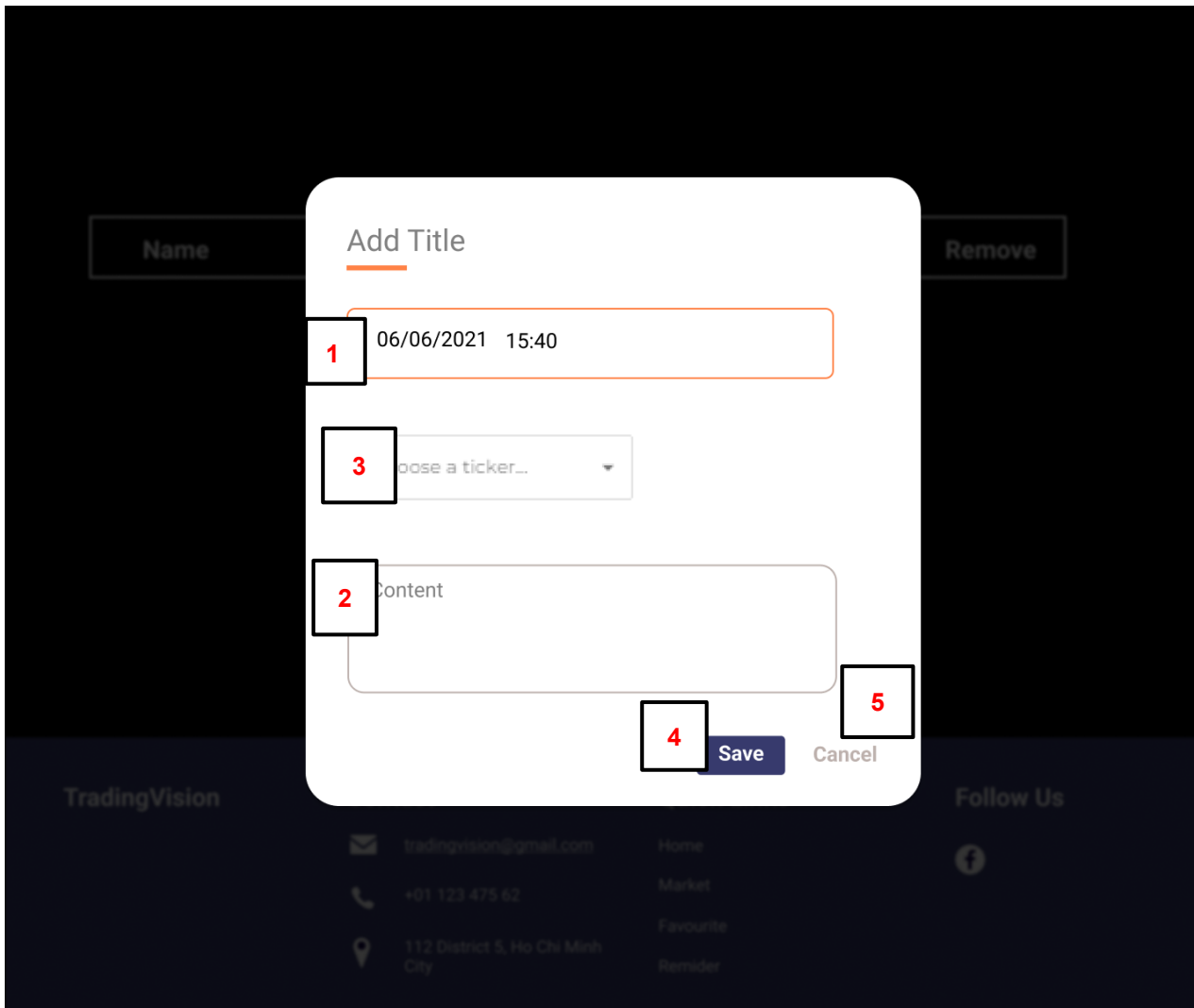


Figure 15: Add reminder popup

Table 10: Add reminder function

Footnote	Component Name	Note
1	Datetime	Users can set date and time appropriately
2	Content	Users fill the content they want.
3	Chose a ticket	User can choose the ticket they want to add reminder

4	Save button	Clicking on the Save button, the reminder will be added to the list. Then back to the Reminder list page.
5	Cancel button	Clicking on the Cancel button, nothing will be saved to the list. Then back to the Reminder list page.

2.8.2 Delete reminder

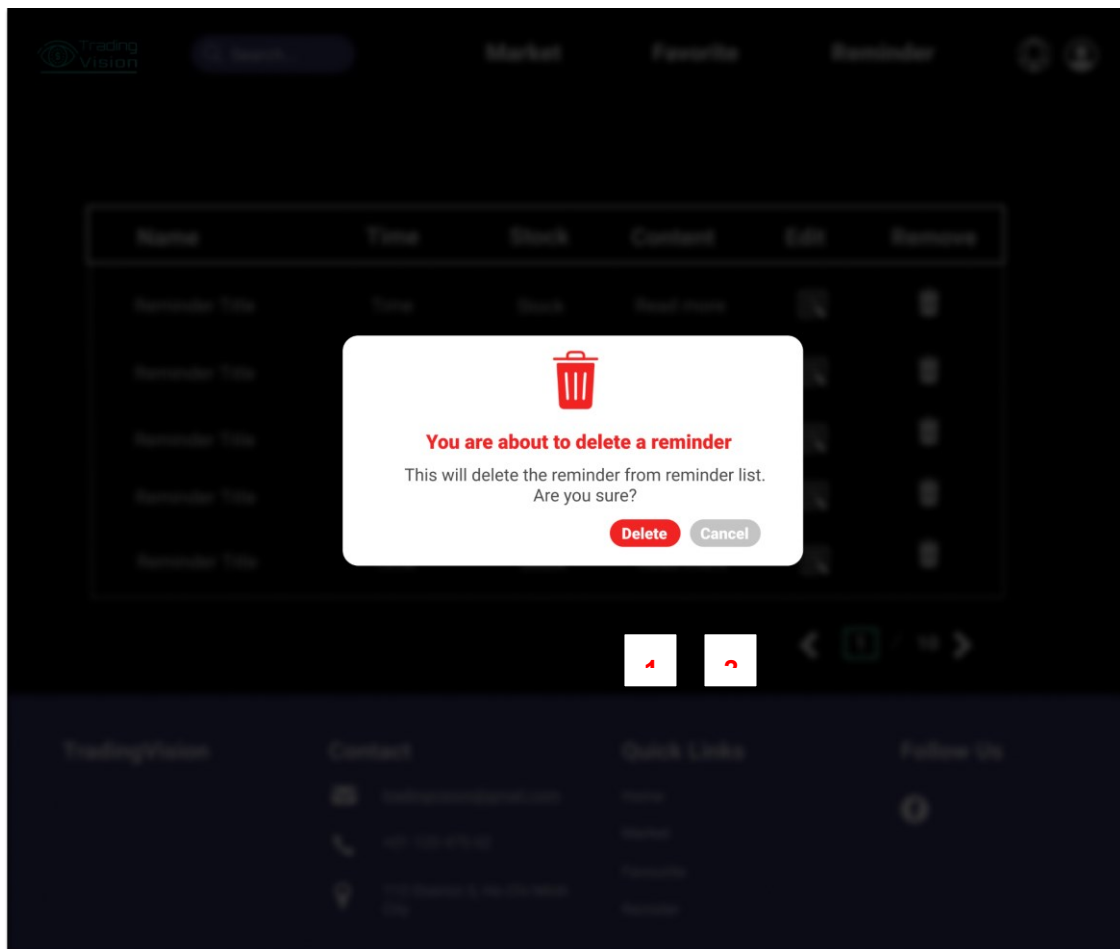


Figure 16: Delete reminder

Table 11: Reminder function

Footnote	Component Name	Note
1	Delete button	Clicking on the Delete button, the chosen reminder will be removed from the list. Then back to the Reminder list page.

2	Cancel button	Clicking on the Cancel button, the popup will be closed. Users remain at the Reminder page.
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2.9. User Profile

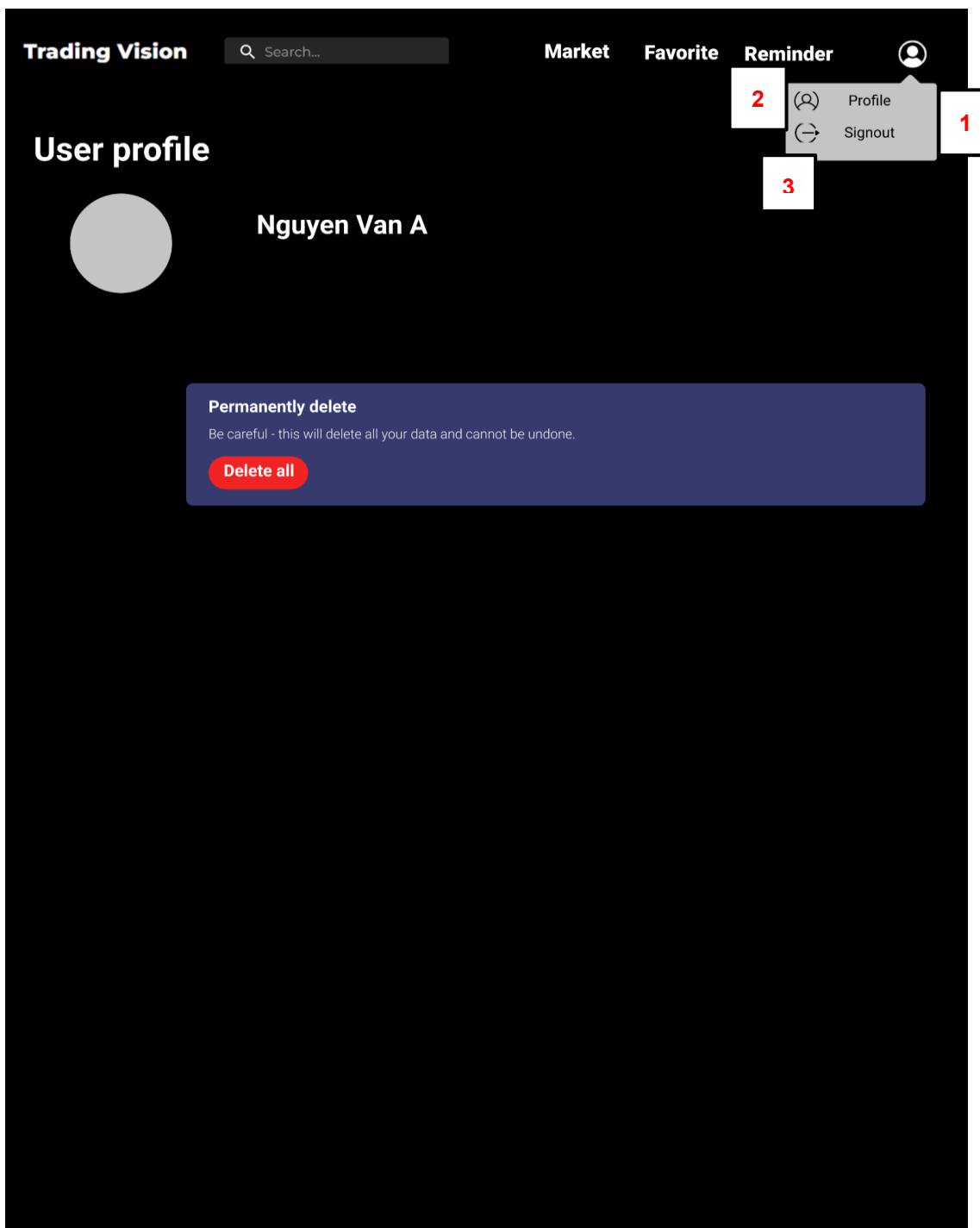


Figure 17: User profile page

Table 12: User profile function

Footnote	Component Name	Note
1	User icon	Clicking on User icon to show the dropdown options.
2	Profile	Clicking on Profile option to open User Profile page.
3	Logout	Clicking on the Logout option, user's account will be logged out and return to Homepage.

2.9.1 Delete user

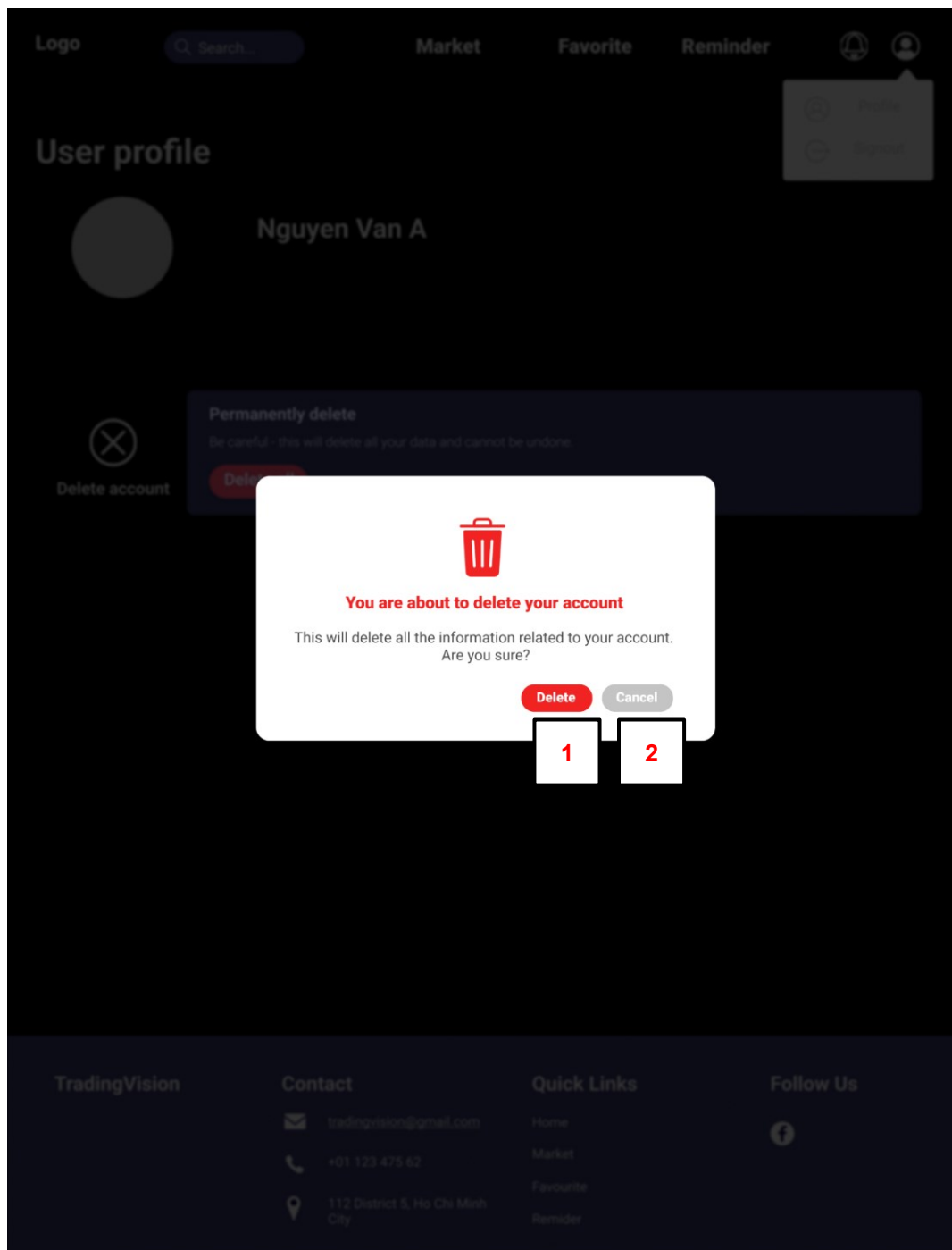


Figure 18: Delete account popup

Table 13: Delete account function

Footnote	Component Name	Note
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1	Delete button	Clicking on the Delete button, the information related to the users will be completely removed from the database. Users return to home page
2	Cancel button	Clicking on the Cancel button, the popup will be closed. Users remain at the User profile page.

2.10. Page not found

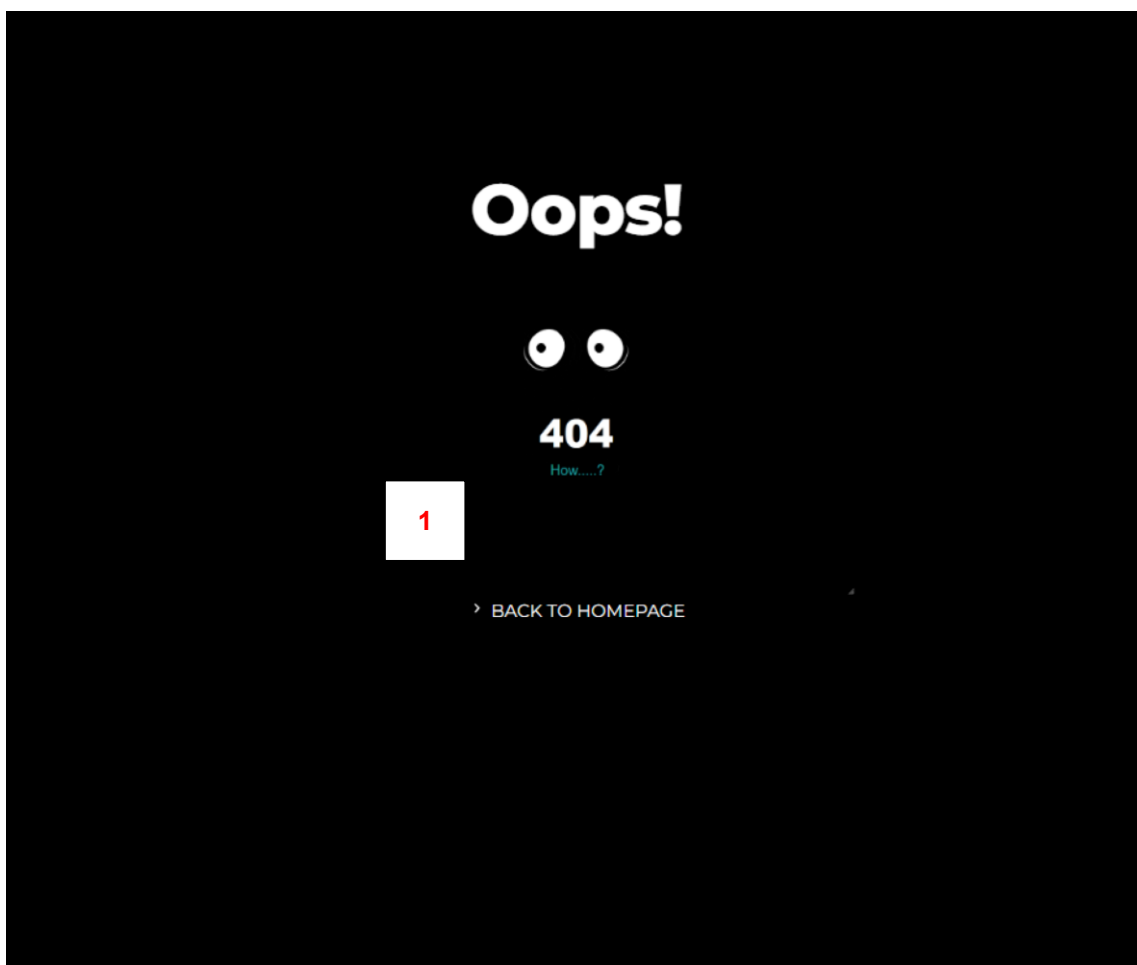


Figure 19: Page not found

Table 14: Page not found function

Footnote	Component Name	Note
1	Back to homepage	Error page appears when it can't load successfully, user could use back to home page link to return to market page