



**SOFTWARE REQUIREMENT SPECIFICATION DOCUMENT  
MERO SHARE BAZAR**

**REQUIREMENT ENGINEERING**

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<b>1. Introduction</b>	<b>3</b>
1.1 Purpose of SRS Document	3
1.2 Scope of Product	3
1.3 Overview of Product	4
<b>2. What are we building?</b>	<b>4</b>
<b>3. General Description</b>	<b>4</b>
3.1. Product Perspective	4
3.1.1 Target Market	5
3.1.2 Features	5
3.1.3 Benefits	5
3.1.4 Competitors	5
3.1.5 Revenue Model	5
3.2 product Feature	6
3.3 Users Perspective	6
<b>4. Risk</b>	<b>7</b>
4.1 Risk on this model	7
4.2 Risk Mitigation	8
<b>5. Project Flow Diagram</b>	<b>9</b>
<b>6. Functional Prototype</b>	<b>10</b>

**Figma link:**

<https://www.figma.com/file/1Rv8mrpeDKIKPeFQpO1N5h/Share-Bazar-App?t=QVzScZqySNMgMi1s-6>

## **1. Introduction**

Mero Share Bazaar App is a popular mobile application used by investors in Nepal to buy and sell stocks listed on the Nepal Stock Exchange (NEPSE). The app is developed and maintained by CDSC (Central Depository System and Clearing Ltd), which is the central depository and clearing house for securities in Nepal. Mero Share Bazaar App provides investors with a range of features such as real-time stock quotes, historical price charts, market news and announcements, and the ability to place buy and sell orders for stocks. The app also allows investors to view their investment portfolio, transaction history, and receive alerts for important events related to their investments. To use the Mero Share Bazaar App, investors need to have a CDSC Demat account, which is a digital account used to hold and trade securities in Nepal. Once investors have opened a Demat account, they can download the Mero Share Bazaar App from the Google Play Store or Apple App Store, and log in using their CDSC account credentials.

### **1.1 Purpose of SRS Document**

The purpose of the SRS (Software Requirements Specification) document about Mero Share Bazaar would be to clearly and comprehensively define the requirements and functionality of the software application. The SRS document would serve as a guide for the development team, helping them to understand the business needs, user requirements, and technical specifications of the application. The document would define the functional and non-functional requirements of the system, the user requirements, and the system architecture, as well as any constraints, dependencies, or assumptions that the development team must be aware of.

### **1.2 Scope of Product**

Mero Share Bazar is an online platform for buying and selling securities in Nepal. The scope of Mero Share Bazar application is primarily focused on facilitating the trading of stocks and other securities on the Nepal Stock Exchange (NEPSE). Through the Mero Share Bazar application, investors in Nepal can access real-time market data, view their investment portfolios, and place orders to buy or sell stocks

and other securities listed on the NEPSE. The application also provides news and analysis related to the Nepalese stock market. Overall, the scope of the Mero Share Bazar application is to provide a convenient and accessible platform for investors in Nepal to participate in the stock market and manage their investments online.

### **1.3 Overview of Product**

Mero Share Bazar is an online platform for buying and selling securities in Nepal. It is operated by CDS and Clearing Limited, a company licensed by the Securities Board of Nepal. The platform enables investors to buy and sell stocks and other securities listed on the Nepal Stock Exchange (NEPSE) through a user-friendly web-based application. The Mero Share Bazar application provides a range of features and functionalities, including real-time market data, news and analysis, investment portfolio tracking, and the ability to place orders to buy or sell securities. Investors can access their account information, view their transaction history, and manage their investment portfolios from a single platform.

## **2. What are we building?**

For this Mero Share Bazar Application, we are building a prototype with a better User Interface and adding extra features. The link for this prototype is:

[https://docs.google.com/document/d/17FQbGYnlp3fwB0RVAz5tmfz72hn0M4saRI\\_TnKvxdLo/edit?usp=sharing](https://docs.google.com/document/d/17FQbGYnlp3fwB0RVAz5tmfz72hn0M4saRI_TnKvxdLo/edit?usp=sharing)

## **3. General Description**

### **3.1. Product Perspective**

Mero Share Bazaar is a mobile application designed to provide a digital platform for buying and selling shares in the Nepal Stock Exchange. The product perspective of the Mero Share Bazaar application is as follows:

### **3.1.1 Target Market**

The target market for the Mero Share Bazaar application is investors who are interested in investing in the Nepal Stock Exchange. The application is designed to cater to both novice and experienced investors who want to buy and sell shares online.

### **3.1.2 Features**

The Mero Share Bazaar application offers several features such as real-time stock prices, historical stock data, news and analysis, portfolio management, and order placement. These features make it easy for investors to track their investments and make informed decisions.

### **3.1.3 Benefits**

The Mero Share Bazaar application offers several benefits such as convenience, accessibility, and cost-effectiveness. Investors can access the application from anywhere, anytime, and can save on transaction costs that are associated with traditional stockbroking.

### **3.1.4 Competitors**

The Mero Share Bazaar application faces competition from other digital stockbroking platforms in Nepal such as the Nepse TMS application, which also provides online trading services. However, the Mero Share Bazaar application has a unique advantage in terms of its user-friendly interface, comprehensive features, and seamless user experience.

### **3.1.5 Revenue Model**

The Mero Share Bazaar application generates revenue through brokerage fees charged on transactions made on the platform. Additionally, the application may also generate revenue through targeted advertising and partnerships with other financial institutions.

Overall, the Mero Share Bazaar application offers a comprehensive and user-friendly digital platform for investors to buy and sell shares on the Nepal Stock Exchange. With its unique features and benefits, it has the potential to attract a significant user base and generate sustainable revenue over time.

### 3.2 product Feature

Mero Share Bazar is an online platform in Nepal that allows investors to buy and sell securities in the Nepal Stock Exchange (NEPSE). The primary product function of Mero Share Bazar is to facilitate the trading of stocks and other securities on the NEPSE through an online platform. Some of the key product functions of Mero Share Bazar include:

- a. **Account Management** : Mero Share Bazar allows investors to open an online trading account and manage their investment portfolio through a single platform.
- b. **Trading**: Investors can buy and sell shares and other securities on the NEPSE through the Mero Share Bazar platform.
- c. **Information and Analysis**: Mero Share Bazar provides investors with real-time market data, news updates, and research reports to help them make informed investment decisions.
- d. **Mobile App**: Mero Share Bazar has a mobile app that allows investors to access their accounts and trade securities on-the-go.
- e. **IPO Applications**: Mero Share Bazar enables investors to apply for initial public offerings (IPOs) online, making the process more convenient and efficient.
- f. **User Interface**: Mero Share Bazar Application provides a better user interface which make easy and user friendly to operate this application.

Overall, the product function of Mero Share Bazar is to provide a secure, transparent, and efficient platform for investors to trade securities on the NEPSE and manage their investment portfolio.

### 3.3 Users Perspective

Mero Share Bazar offers a range of features to its users to help them manage their investment portfolios and make informed investment decisions. Some of the key features for users of Mero Share Bazar include:

- a. **Online Trading**: Users can buy and sell securities on the NEPSE from the comfort of their homes or offices.

- b. Real-Time Market Data:** With this application users can get real-time market data, including live stock prices, market indices, and other relevant financial metrics.
- c. Research Reports:** Mero Share Bazar offers research reports on different sectors, companies, and market trends, providing users with insights into investment opportunities and risks.
- d. Mobile App:** Mero Share Bazar has a mobile app that allows users to manage their investment portfolios, track their stock holdings, and trade securities on-the-go.
- e. Account Management:** Mero Share Bazar provides users with a comprehensive account management system, allowing them to view their investment portfolios, track their transactions, and monitor their trading history.
- f. Online Payment System:** Mero Share Bazar offers an online payment system that allows users to deposit or withdraw funds from their trading accounts, making it easier to manage their investment portfolios.
- g. Customer Support:** Mero Share Bazar has a customer support team that provides assistance and guidance to users who have questions or issues with the platform.
- h. IPO Applications:** Users are allowed to apply for IPOs online, providing a convenient and efficient way to participate in new stock offerings.

Overall, Mero Share Bazar offers a range of features to its users, providing a comprehensive platform for managing investment portfolios, trading securities, and accessing real-time market data and research reports.

## **4. Risk**

### **4.1 Risk on this model**

There are several risks that the Mero Share Bazar model may face, including:

- 1. Market Risk:** The value of stocks in Mero Share Bazar can fluctuate depending on market conditions, economic conditions, political events, and other factors beyond an investor's control. Any negative market conditions could have an impact on Mero Share Bazar's trading activity and revenues.

2. **Technology Risk:** As an online platform, Mero Share Bazar is vulnerable to technology-related risks such as system failures, cyber-attacks, and data breaches. Any disruption to the platform's functionality could impact its reputation and ability to attract and retain users.
3. **Operational Risk:** Mero Share Bazar relies on various third-party service providers to operate its platform, including internet service providers, banks, and payment processors. Any operational failures by these service providers could impact the platform's operations and reputation.
4. **Less users amount:** If Mero share Bazar didn't implement IPO Application, users could stop to use this application and go for another application who provides the online IPO application to users such as "Mero Share".
5. **Security Risks:** The Mero Share Bazar System is vulnerable to security breaches such as hacking, phishing attacks, and malware infections. These can result in unauthorised access to personal and financial information, theft of funds, and loss of confidential data. **Operational Risks:** Technical glitches, system failures, and other operational issues can

## 4.2 Risk Mitigation

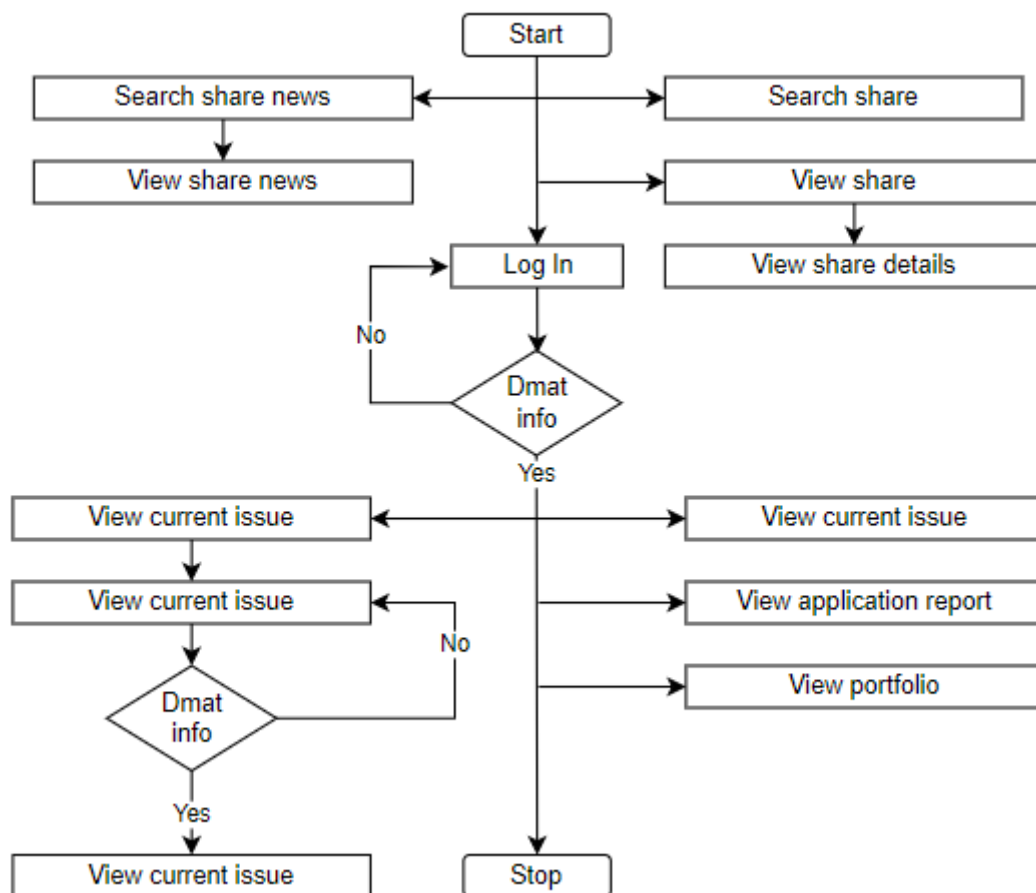
Here are some risk mitigation strategies that can be employed to reduce the risks:

1. **Strong Authentication:** Implementing strong authentication measures such as two-factor authentication (2FA) or biometric authentication can help prevent unauthorised access to the Mero Share Bazar System.
2. **Regular Security Audits:** Regularly auditing the security of the Mero Share Bazar System can help identify any vulnerabilities or weaknesses that need to be addressed.
3. **Employee Training:** Training employees on the best security practices such as safe password management, avoiding phishing scams, and not sharing login credentials can help reduce the risk of human error that can lead to security breaches.



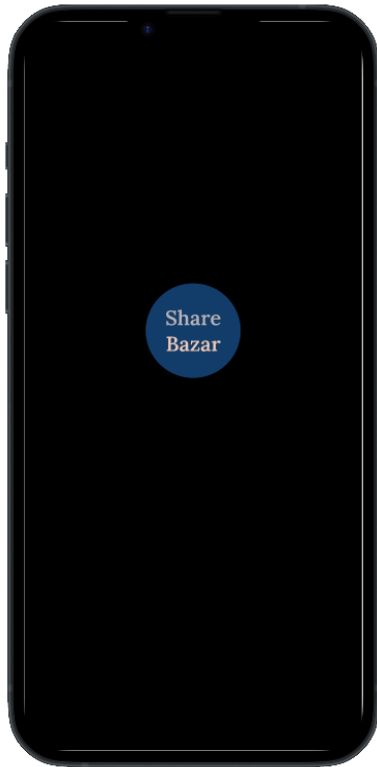
4. **Regular Updates:** Regularly updating the Mero Share Bazar System with the latest security patches and software updates can help prevent known vulnerabilities from being exploited by attackers.
5. **Add IPO Application:** Implementing with IPO Application, users can apply for IPO and they will not go for another Application.

## 5. Project Flow Diagram



***Figure 1: Flow Diagram***

## 6. Functional Prototype

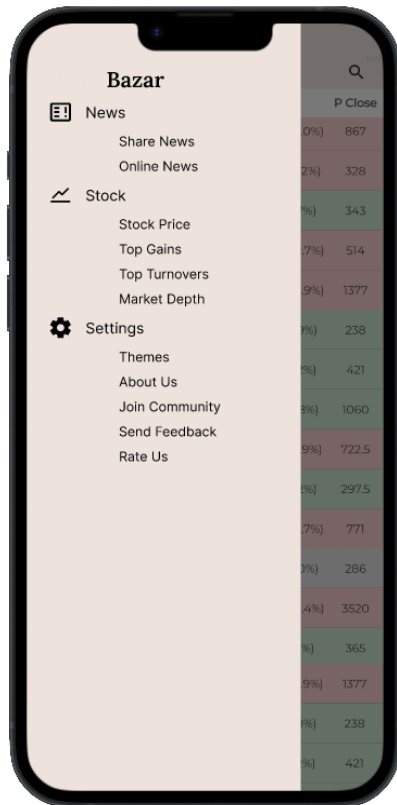


**Appendix 1**



**Appendix 2**

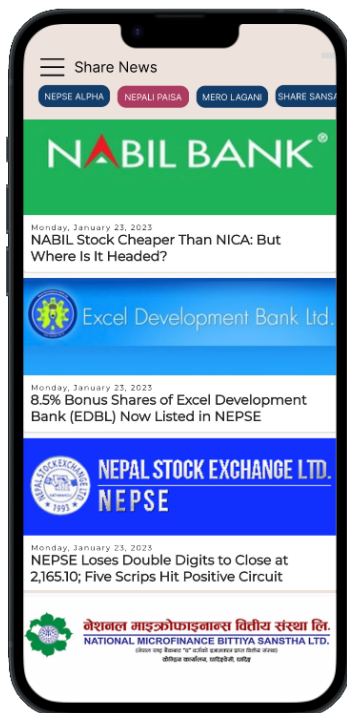
S.no	Section	Description/ Action
Appendix 1	Starting Page	<ul style="list-style-type: none"> <li>Users or Admin have to touch anywhere in this screen to operate the application.</li> </ul>
Appendix 2	Stock price Page	<ul style="list-style-type: none"> <li>Above given figure 2, Users can see the Stock price of Share in market with Symbol, Close, High, low, CH, and PClose.</li> <li>Users can search Stock price by clicking the search bar</li> <li>There is also a menu bar . Menu barr consist:               <ol style="list-style-type: none"> <li>News</li> <li>Stock</li> <li>Setting</li> </ol> </li> </ul>



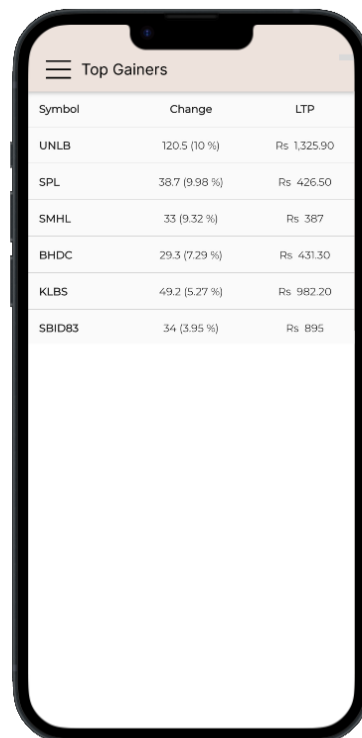
**Appendix 3**



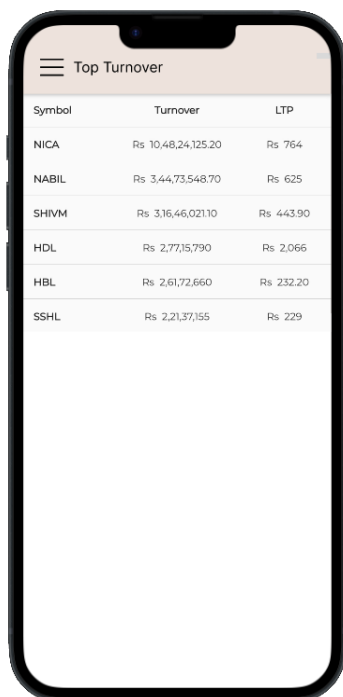
**Appendix 4**



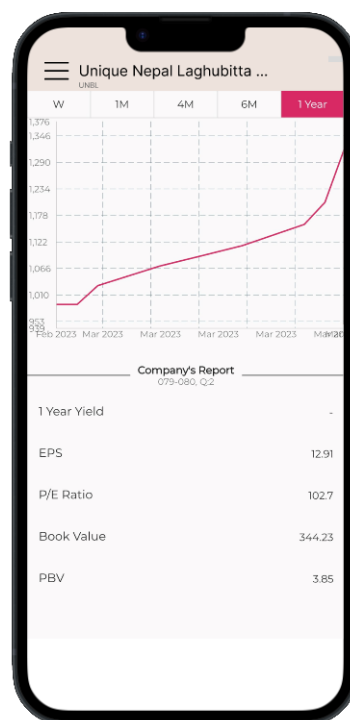
**Appendix 5**



**Appendix 6**



**Appendix 7**



**Appendix 8**

Share > Log In

Depository Participants  
Sanima Bank Ltd (15800)

Username  
00123400

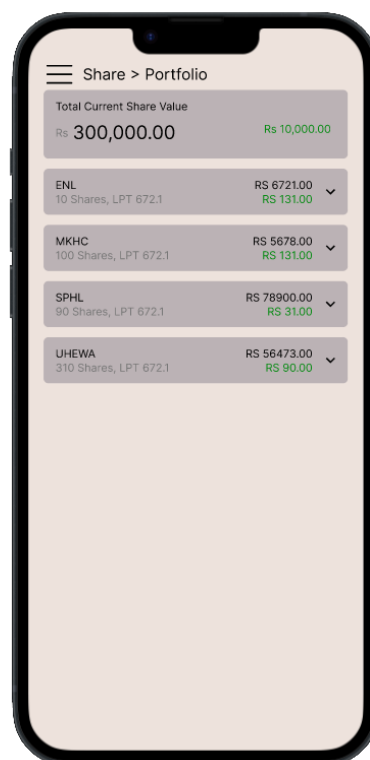
Password  
\*\*\*\*\*

☐ Remember Login Id

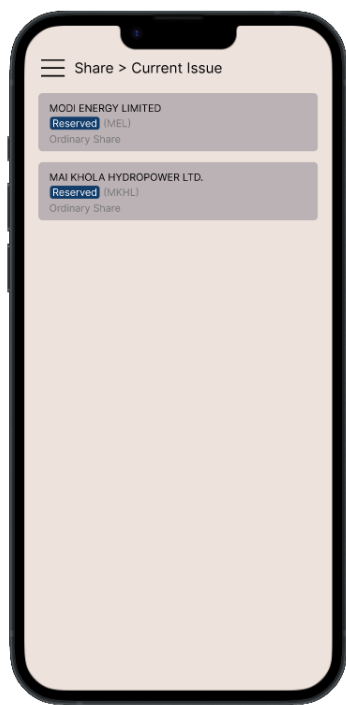
[Log In](#)

[Forget your password?](#)

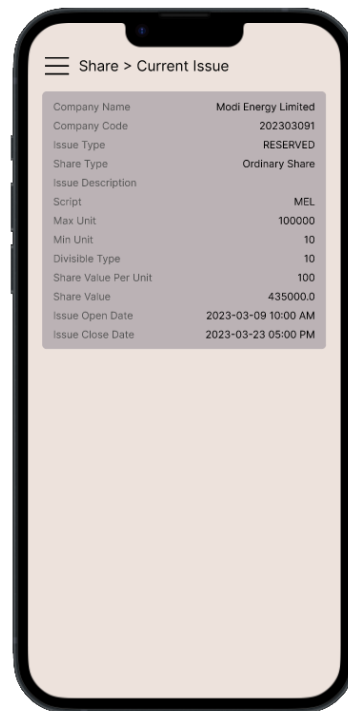
**Appendix 9**



**Appendix 10**



**Appendix 11**



**Appendix 12**

s.no	Section	Description/Action
Appendix 3	Bazar	Bazar consist a menu options which allows user to operate any app related work such as, news, stock, and setting
Appendix 3	<b>News:</b> <ol style="list-style-type: none"> <li><b>News:</b> <ul style="list-style-type: none"> <li>Share News(Appendix-4)</li> <li>Online News(appendix-5)</li> </ul> </li> <li><b>Stock:</b> <ul style="list-style-type: none"> <li>Stock Price(Appendix -1)</li> <li>Top gainers</li> <li>Top Turnovers</li> <li>Market Depth</li> </ul> </li> <li><b>Setting:</b> <ul style="list-style-type: none"> <li>Themes</li> <li>About Us</li> <li>Join Community</li> <li>Send Feedback</li> <li>Rate us</li> </ul> </li> </ol>	<ul style="list-style-type: none"> <li>News is menu header, users can see any information about market stock by clicking the news and there will shown two option- Share news, and online news</li> <li>Stock: Users can get the information about current Stock price in market, top gainers, top turnovers, and Market Depth.</li> <li>Setting: Users are allowed to change their application system such as can change themes, know about us, cab join community, send feedback, and do rate based on their experience</li> </ul>
Appendix 4	Share News	By clicking the share news pf news's drop down option, users can see any application related to IPO stock in market.
Appendix 5	Online News	By clicking the online news, users are allowed to see any available online news related to stock price news.
Appendix 6	Top Gainers	Users can see the current top gainers stock in market
Appendix 7	Top Turnover	Users are able to view all information about top turnover price with company name.
Appendix 8	Detailed report	Users are able to view all the detailed reports with history tracking in the bar chart.

<b>Appendix 9</b>	<b>Login Page</b>	In the Share section, to apply for IPO users should login first. And this features allow users to login For IPO Application
<b>Appendix 10</b>	<b>Portfolio</b>	Users can view their separate portfolio which consist of the total current share market with applied company name.
<b>Appendix 11</b>	<b>Current Issue</b>	Users should be able to see the current view of share.
<b>Appendix 12</b>	<b>Current Issues details</b>	Users are able to see the current issues with whole details that include, Company name, company code, Issue type, share type, Issue description etc