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| Use Case Name: | View Stock history | |
| Scenario: | Client wants to view the stock history | |
| Triggering Event: | View stock history | |
| Brief Description: | Proposed system will display stock history information | |
| Actors: | Client | |
| Related Use Cases: | Update Stock history | |
| Stakeholders: | Proposed system | |
| Preconditions: | Client is logged into his/her account and selects the “view portfolio” option. | |
| Postconditions: | The stock information of a company requested by the client will be displayed | |
| Flow of Activities: | Actor | System |
| 1. Client selects the “view portfolio” option.  1.1 Investor select company stock. | 1.1 System will display stock information of the selected company |
| Exception Conditions: | The requested data may not be displayed because of the system crash or network problem. | |

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| Use Case Name: | View portfolio | |
| Scenario: | Client is wants to view his/her portfolio | |
| Triggering Event: | Display Portfolio | |
| Brief Description: | The system will display client’s portfolio information | |
| Actors: | Client | |
| Related Use Cases: | Update portfolio | |
| Stakeholders: | Proposed system | |
| Preconditions: | Client is logged into his/her account and selects the “view portfolio” option. | |
| Post conditions: | The portfolio requested by the client will be displayed | |
| Flow of Activities: | Actor | System |
| 1. Client selects the “view portfolio” option. | 1.1 The Client’s portfolio is displayed on the screen. |
| Exception Conditions: | The client’s portfolio may be empty. | |

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| Use Case Name: | Update portfolio | |
| Scenario: | New portfolio information is generated | |
| Triggering Event: | Update portfolio | |
| Brief Description: | The proposed system will update the client’s portfolio | |
| Actors: | Proposed system, Current System | |
| Related Use Cases: | View portfolio | |
| Stakeholders: | Proposed System | |
| Preconditions: | Current portfolio information would be uploaded from the proposed system. | |
| Postconditions: | Client’s portfolio would be updated | |
| Flow of Activities: | Actor | System |
| 1. Current system generate portfolio information.  2. Upload portfolio information to the proposed system | 2.1 System updates the client’s portfolio information |
| Exception Conditions: |  | |

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| Use Case Name: | Update stock history | |
| Scenario: | New stock information is generated | |
| Triggering Event: | Update stock history | |
| Brief Description: | The proposed system will update stock history | |
| Actors: | Current system, Proposed System | |
| Related Use Cases: | View stock history, Generate market charts | |
| Stakeholders: | Proposed System | |
| Preconditions: | Stock history information would be uploaded from the proposed system. | |
| Postconditions: | New stock history information will be added to the record | |
| Flow of Activities: | Actor | System |
| 1. Current system generate stock history information.  2. Upload stock information to the proposed system | 2.1 System will add stock history information. |
| Exception Conditions: |  | |

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| Use Case Name: | View market charts | |
| Scenario: | Client wants to view market charts | |
| Triggering Event: | View market charts | |
| Brief Description: | Investor will be able to view the market charts | |
| Actors: | Client | |
| Related Use Cases: | Generate index market | |
| Stakeholders: | Proposed system | |
| Preconditions: | Client is logged into his/her account and selects the “view index market” option. | |
| Postconditions: | Proposed system displays market chart. | |
| Flow of Activities: | Actor | System |
| 1. Client selects the “view charts” option.  1.1 Client selects the “chart” option.  1 .2 Investor select company stock. | 2. The market chart of the selected company will be displayed on the screen. |
| Exception Conditions: |  | |

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| Use Case Name: | Generate market charts | |
| Scenario: | The stock history update | |
| Triggering Event: | Generate market chart | |
| Brief Description: | Proposed system will be able to generate index market | |
| Actors: | Proposed system | |
| Related Use Cases: | View market charts | |
| Stakeholders: | Client | |
| Preconditions: | New stock information is uploaded | |
| Postconditions: | Formulas and algorithms is applied to data to create market charts | |
| Flow of Activities: | Actor | System |
|  | 1.System will get new stock information.  1.1 System will apply statistical treatment to the data  1.2 System will generate charts |
| Exception Conditions: |  | |