

**Functional Requirement Document**

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**CCBA Investment App**

# Functions highlight

1. **An investment app that fulfills the need of both Hong Kong & Mainland customers**

* Layout (support 2-3 set of themes in different colours)
* Content (Simplified Chinese with mainland style terms to be provided by CCBA)
* Colour setting (up/down colour)

1. **Application Flow**

* Support mobile token logon with biometric or PIN code (after mobile token setup in CCBA Mobile Banking)
* Provide smooth and quick securities trading process, multiple shortcut to trading related function
* Support cash and margin fund transfer
* Support eIPO subscription and application status enquiry
* Support set up and view securities eStatement
* Provide extensive market information and support streaming quote function in specific sections: Stocks Watchlist, Stock portfolio, Stock Quote Details
* Support display of promotion banner and Bank’s announcement in the app

1. **Customization**

* Personalized homepage shortcut, top watchlist and portfolio, Market info to be displayed, etc
* Price alert setup
* Setting: Lang (EN, TC, SC), up/down colour, app theme colour, sequence of stock market info displayed

1. **App feature**

* Push notification for market info, price alert, order confirmation, promotion, etc
* Horizontal view for displaying charts, portfolio, watchlist, etc

1. **Capacity to accommodate the addition of below features in next phases**

* More investment products such as Mutual Fund, FX Margin, Bonds
* AI Investment Advisory tools
* Chatroom function that allow communication between RM and customers

# Function List

**Phase 1 (Post-Logon functions are highlighted in yellow)**

1. Homepage
   1. Bank’s announcement
   2. Stock Search (support stock name or code search)
   3. Portfolio (showing account balance with all holdings according to the securities account selected)
   4. 7 shortcuts in icon allowing personalization
      1. Order Status (Today/7 days, allow sorting and filtering)
         1. Amend Order
         2. Cancel Order
      2. Transaction History (Today/7 days/1 month, allow sorting and filtering)
      3. Stock Watch (Setup, view and Edit and the list sync with the record in OB/MB)
      4. Fund Transfer (Cash/Margin)
      5. Margin Account details
      6. eStatement (Setup and view)
      7. eIPO (subscription and application status enquiry)
      8. eCA (Dividend Announcement, Rights Issue Announcement, Open Offer Announcement, Voluntary Unconditional Announcement)
   5. Promotion Banner
   6. Key Info sections
      1. Top Watchlist showing first 4 stocks in the list
      2. Personalized Latest News and Research Reports based on holdings or watchlist
      3. Market Info (Indice, top stocks, company news)
2. Securities Trading (HK Shares & SSE)
   * 1. Order Placement (support stock quote)
     2. Order Amendment
     3. Order Cancellation
3. Market Info
   1. Indices (Hong Kong, China and Asia Pacific)
   2. Index Constituents (HK)
   3. Hong Kong Top 20 (Stocks, Warrants, CBBCs, by Turnover/Volume/%Gainers/%Losers)
   4. Market News (Top News, Analysts’ Views, Market Intelligence, Research Report, etc)
   5. IPOs (Current/Upcoming/Listed, support calendar view)
   6. Industry Constituents
   7. Industry Top 10 (By market cap)
   8. ETFs
   9. Dividend History (1 month history, allow searching)
   10. Corporate Events
   11. 52-Week High/Low
   12. Stock Connect Quota Balance (Daily)
4. Settings and others
   1. Enable/Disable Mobile Token access
   2. Price Alert
   3. Push notification
   4. App theme
   5. Language
   6. Sequence of Stocks market info displayed
   7. Homepage Horizontal view
   8. Bank’s announcement