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| **NAME:** | Search for Symbol |
| **SUMMARY:** | User is able to search for a ticker symbol so that it can be viewed with the graph and price quote of that symbol. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. TicWatch application is running.  2. Symbol entry area is displayed. |
| **TRIGGERS:** | 1. User selects symbol entry area. |
| **MAIN SUCCESS SCENARIO:** | 1. User enters full symbol  2. User submits search |
| **ALTERNATIVE SUCCESS SCENARIOS:** | 1. User enters a character(s)  2. Symbol options displayed  3. User selects option |
| **POSTCONDITIONS:** | 1. System displays symbol with the price |
| **BUSINESS RULES:** | 1. Symbol entered must be at least 3 characters long  2. Symbol must be a valid business ticker symbol  3. Symbol must contain alphabet letters |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/6/13 |

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| --- | --- |
| **NAME:** | Request Favorites |
| **SUMMARY:** | Server will retrieve the Favorites associated with client using TicWatch. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. Server is online |
| **TRIGGERS:** | 1. TicWatch requests connection |
| **MAIN SUCCESS SCENARIO:** | 1. TicWatch receives connection  2. TicWatch requests favorites |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TicWatch receives favorites. |
| **BUSINESS RULES:** |  |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/7/13 |

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| --- | --- |
| **NAME:** | Update Favorites |
| **SUMMARY:** | Update Favorites associated with client using TicWatch. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. Server is online |
| **TRIGGERS:** | 1. TicWatch requests connection |
| **MAIN SUCCESS SCENARIO:** | 1. TicWatch receives connection  2. TicWatch sends favorites |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TicWatch app closes. |
| **BUSINESS RULES:** |  |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/7/13 |

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| --- | --- |
| **NAME:** | Start Up |
| **SUMMARY:** | Admin brings TWServer online for TicWatch Application to use. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. Hardware has power and is fully operational.  2. Server and database software are installed. |
| **TRIGGERS:** | 1. Admin launches command prompt.  2. Admin launches server application icon. |
| **MAIN SUCCESS SCENARIO:** | 1. Admin starts web-server application.  2. Admin starts database application. |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TWServer is online. |
| **BUSINESS RULES:** |  |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/13/13 |

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| --- | --- |
| **NAME:** | Launch |
| **SUMMARY:** | User starts TicWatch Application. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. Phone must be on.  2. Application must be installed. |
| **TRIGGERS:** | 1. User selects TicWatch application icon. |
| **MAIN SUCCESS SCENARIO:** |  |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TicWatch displays title.  2. TicWatch displays symbol entry area.  3. TicWatch displays symbol name.  4. TicWatch displays symbol graph and price.  5. TicWatch displays change chart time adjuster.  6. TicWatch displays thumbnails of favorites. |
| **BUSINESS RULES:** | 1. Must have Data connection on phone. |
| **NOTES:** | Application will have a default symbol to display when user first uses application. |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/13/13 |

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| --- | --- |
| **NAME:** | Change Chart Time |
| **SUMMARY:** | User has ability to change the viewed time frame of the tik chart. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. Application is running.  2. Users desired chart to be modified is selected. |
| **TRIGGERS:** | 1. User selects chart time adjuster. |
| **MAIN SUCCESS SCENARIO:** | 1. User changes chart time frame.  2. TicWatch displays selected time frame. |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TicWatch displays updated graph. |
| **BUSINESS RULES:** | 1. 5 minute minimum time frame.  2. 1 day maximum time frame.  3. Other time frames include: 1 hour and 30 minutes. |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/14/13 |

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| --- | --- |
| **NAME:** | Remove Favorite |
| **SUMMARY:** | Remove a Ticker from the users list of favorites |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. TicWatch Symbol is displayed. |
| **TRIGGERS:** | 1. User activates favorite’s options. |
| **MAIN SUCCESS SCENARIO:** | 1. User is shown an option to remove symbol  2. User selects option to remove |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. Symbol is removed from favorites |
| **BUSINESS RULES:** | 1. Cannot have less than one symbol in favorites.  2. No option to remove last symbol. |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/10/13 |

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| --- | --- |
| **NAME:** | Browse Favorites |
| **SUMMARY:** | User has the ability to navigate through their favorites. |
| **VERSION:** | 1.1 |
| **PRECONDITIONS:** | 1. TicWatch application is running.  2. User favorites contains more than one symbol. |
| **TRIGGERS:** | 1. User selects next symbol.  2. User selects previous symbol.  3. User selects thumbnail of favorite. |
| **MAIN SUCCESS SCENARIO:** |  |
| **ALTERNATIVE SUCCESS SCENARIOS:** |  |
| **POSTCONDITIONS:** | 1. TicWatch displays the next symbol.  2. TicWatch displays the previous symbol. |
| **BUSINESS RULES:** |  |
| **NOTES:** |  |
| **AUTHOR:** | Jeff, Shawn, Craig |
| **DATE:** | 5/13/13 |