**User Documentation**

**Jayhawk Supercomputer Usage Calculator Program**

**Program Name:** SuperV5.exe

**Programmer:** Joe Ermatinger

**Description:** This program calculates a usage charge for the Jayhawk Supercomputer as well as calculates the grand total of all usage charges from multiple users. Input will be accepted from the keyboard and output will be displayed on the screen. The user will be prompted to enter the hours, minutes, and seconds of usage time. The total amount of usage time is then converted into total seconds and total hours of usage and that output is then displayed to the screen. Total seconds is then used to assign a usage rate which is then used to assign a total usage charge. User input will be validated to ensure they enter the correct numbers for hours, minutes, and seconds. User input is also validated to ask if they would like to enter another customer as well as make sure if they do enter another customer that the customer count as well as the grand total of all usage charges are accumulated. The number of users and grand total of all usage charges are displayed when the program finishes.

**Execution Method:** This program may be executed from the command line or executed as part of a batch file.

**Sample Output:** When executed, the program screen should look like this:

