CS 490R – SPRING 2017
Cover page for “Scatterplots” assignment (due 30 March and 6 April 2017)

DUE 30 March 2017:

_____ Explain to the TA the significance of the cute names I gave to Parts 1, 2, and 3. (3 points)
_____ Explain to the TA how you converted the CSV file into a database table. (2 points)
_____ Show the TA the SQL statements you used for each query. (3 points)
_____ Explain to the TA how you mapped the results from the database into (x,y) positions on
   the screen. (3 points)
_____ Explain to the TA how you set the default ranges for the X and Y axes. (3 points)

The above-named student passed off the above requirements on or before 30 March 2017.

T.A. Name ___________________/ T.A. Signature _______________________________

INSTRUCTIONS TO STUDENT: Keep this paper for now. Turn it in when you pass-off the
entire program on 6 April.

DUE 6 April 2017:

_____ Explain to the TA how you capture mouse click and drag events. (3 points)
_____ Explain to the TA how you compute the size of the dragged rectangle. (3 points)
_____ Explain to the TA how you rescale the axes based on the dimensions of the dragged
   rectangle. (3 points)
_____ Invoking a menu option restores the axes to their default ranges. (3 points)
_____ Explain to the TA how you capture mouse movement events. (3 points)
_____ Explain to the TA how you determine which dot the mouse is hovering over. (3 points)
_____ Explain to the TA how you compute the text for the tool tip. (3 points)
_____ Your program has no obvious bugs or quirks not mentioned above. (10 points)
_____ Your source code is neatly and consistently indented. (2 points)
_____ Each major section of your code includes explanatory comments. (2 points)
_____ Show the T.A. that you uploaded your source code to Canvas. (1 point)
_____ Did you do the EXTRA CREDIT? (3 to 8 points)

The student passed off the remaining requirements on or before 6 April 2017.

T.A. Name ___________________/ T.A. Signature _______________________________

POINTS EARNED: ________
POINTS POSSIBLE: 50

I certify that I completed this assignment on the date above. I also certify that I did all my own
work. I did not copy someone else’s code, including off the Internet. I know what each line of
code does, and I can reproduce it in a test situation.

Student’s signature ____________________________