BCPR280 Software Engineering 2 Assessment 1

Due Monday 18 April at 5:00pm. Worth 25% of the final course grade. Marked out of 100.

50% - make 'it' GO

☐ Reads data from 2 files and displays the contents of each file in a table

☐ Displays means and standard deviations for each file

☐ Calculates and displays the linear regression parameters β_0 and β_1

☐ Calculates and displays the correlation coefficients R_{xy} and r^2

☐ Given an estimate, x_k, calculates and displays a predicted Y_k

☐ STRETCH GOAL: Program is enhanced to store data and results in LocalStorage

15% use of 5 named Angular Features

At least 3 different uses of any 5 of:

☐ Modules and Controllers

☐ Data Binding and Expressions

☐ ng- attribute tags in the html

☐ Filters

☐ Validation attributes

☐ Directives

5% max for Reuse in .js files

Minus 0.25% per copy paste of 3 lines

10% Code internals / readability

5% for .js files passing a lint/hint tool

5% for visual inspection of 20 LLOC by lecturer (-0.5 marks per detected defect)

5% Planning

proof of 5 iterations eg any of: iteration plans and time logs, GIT repository submit records, successive directories with progressive versions of the code,

15% Design - 5 "design things"

At least 5 different versions (could be the same diagram at different iteration stages) of any of: Html **'wireframe'** with tag types, classes/names/ids, attributes, and associated CSS values. UML **class diagram**, **structure diagram**, **Pseudocode**/detailed comments for a long method, method **signatures**/"interfaces"