CPSC 481 Spring 2018
Assignment 2 – Progress Checkpoint 1

Mode: **Teams** of 4 persons (**INDIVIDUAL** for graduate students).

Due Date: 23:55pm, Friday, March 23, 2018

For this assignment, if you chose Option 1 (project), you are to:

1. Write a program using the programming language that you chose in Assignment 1 if applicable. Note that this program is NOT related to your project, and it's just to show me you are ready for the programming language.
2. The program is to implement the Breath-First Search algorithm from the textbook, Page 100. Or you can find the algorithm from the slide L02, Page 28.
3. Use the test case shown in Fig. 3.15 to generate a trace shown in Page 101. Or you can find the figure and trace at Page 27 of the slide L02.
4. Write a brief report (1-3 page, Times New Roman 11 point font, single or 1.5 spacing, single column) on your current progress of the project.
5. Turn in what you have of the project by the due date.
6. If you are to change your initial idea, design or time schedule, describe what's new.

For this assignment, if you chose Option 2 (paper), you are to:

1. Read the guidelines and sample papers that I provided
2. List and read at least 10 papers on the topic that you chose. You can include the five papers from Assignment 1. ***Note that for a complete survey paper, you need to read and include at least 30-40 papers. And the length of the paper is usually 10-12 pages in IEEE paper template.***
3. Write a 2-4 page paper using IEEE paper template that I provided to describe the main contribution of these papers. ***You should write with your own words.***
4. Get to know how to add references (refer to the sample papers) and add references in your paper whenever and wherever needed.
5. You are to have your **final paper** (not assignment 2) checked by a pro from the writing center. Prepare early to make an appointment with the writing center.
6. If you are to change your initial topic, describe what's new.

Note that: You can change your option, the initial idea/topic, as well as your initial design and plan in this assignment. If you changed your option, you should also include your **makeup for Assignment 1** based on your current option in this assignment. *Any change is a TEAM decision!*

Keep in mind: At this point, you do **NOT** have to include all the components in the paper template. Also, you do **NOT** have to finish the project by this point. But, Rome Wasn't Built in a Day.

Grading for this assignment: P – pass; NP – not pass. The grading of this assignment provides you with an ASS2 multiplier with the value of either 1 or 0.9.

Deliverables: Team leaders (graduate students by individual) turn in **ONE** copy to Titanium. If you have multiple files to turn in, submit a zip file.

Guidelines and resources: I already posted guidelines and sample papers including

1. How to write a survey paper
2. A sample survey paper
3. How to write a research article
4. A sample research article
5. IEEE paper WORD template: http://ieeeauthorcenter.ieee.org/create-your-ieee-article/use-authoring-tools-and-ieee-article-templates/ieee-article-templates/templates-for-computer-society-journals/

I already posted two demo projects: Pacman and Driverless car. Instructions are included in readme files.