CSE4500 - Platform Computing

Project4 - Thyroid Cancer App

Instructions (3 of 3) – JavaScript Graphics

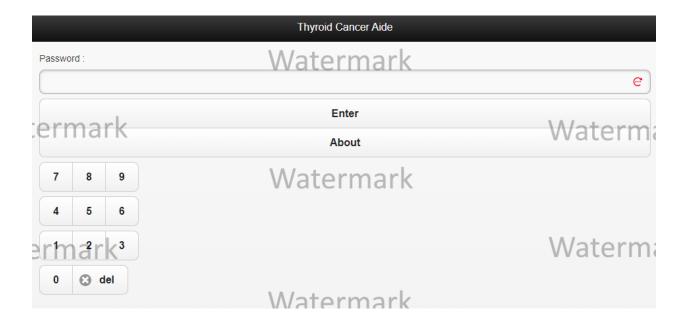
(Accompanying Lecture Video:

https://www.youtube.com/watch?v=24uwKVnCjYc)

## Introduction

We are going to develop a nontrivial app for monitoring test results of a thyroid cancer patient. The app was developed as a prototype for a project. The concepts described in this app can be used to monitor other types of quantitative test results, such as temperature and/or pressure of a boiler, wear and tear of a machine part, or the level of water in a reservoir/river. We will be discussing this app over the next three chapters.

Because this assignment spans chapters 5 through 7, this set of instructions is part one of three total.



# Instructions

- 1. Using Visual Studio Code, open the folder called *Project4*.
- 2. Underneath the *scripts* subdirectory:
  - a. Add the following files from Canvas:
    - i. RGraph.common.core.js
    - ii. RGraph.common.effects.js
    - iii. RGraph.line.js
    - iv. RGraph.cornergauge.js
    - v. RGraph.hprogress.js

#### **Lab Report**

Use the 'Lab Report Template' found on Blackboard/Canvas. Your lab report must contain the following:

- Report:
  - This was a hefty project! So I am not requiring you to document everything you learned!
  - o Instead, I just want you to list five new things you learned doing this project. Each item can be one or more sentences.
    - Ie. I learned how to make an application password protected. This is done by having an input textbox's *type* attribute set to "password".

## Source Code:

NONE! You can leave this blank! I do not need your scripts because they will be all the same!

### • Screenshot:

- When your thyroid application first runs, enter the default password of '2345' to access the application.
- Click 'User Info'
- Add yourself as a user.
  - Enter your firstname.
  - Enter your lastname.
  - Enter your (fake) birthdate. (I don't need your real birthdate, but it will only accept a valid birthdate, aka a date before the current date)
  - Change your password (use 3456)
  - Enter your (fake) health card number (DO NOT use your real health card number)
  - For Cancer Type, Cancer Stage, and Target TSH Range, enter any values.
  - Click Update
- o Click 'Records'
- o Take a screenshot of the result.
- Sample Screenshot:

