Performance

**I. Angular Only**

**Chrome:** 5.8 seconds load 500 student records

1.4 seconds load 50 student records

**IE:** 24.98 seconds load 500 student records

2.15 seconds load 50 student records

**II. with Angular Material**

**Chrome:** 20.86 seconds load 500 student records

2.93 seconds load 50 student records

**IE:** wait1 hour **not** able to load 500 students (900 MB memory, then slows down)

Wait 10 minutes **not** able to load 200 students

42.46 seconds to 50 student records

Memory

**I. Memory footage**

1. In general, IE use 1.456 times more memory than chrome

2. Chrome: angular Material use 2.26 times more memory than without it

3. IE: angular Material use 1.73 times more memory than without it

**II. Memory Leak for Angular Only**

Both Chrome and IE appears no leak

**III. Memory Leak for Angular Material**

Chrome is fine but IE has memory leak

**IV. Memory Leak for UI Bootstrap Dialog**

Both Chrome and IE appears has memory leak

**V. Memory Leak for Angular Material** **Dialog**

Both Chrome and IE has meory leak

**V. Memory Leak for UI Bootstrap Dialog without registering dialog promise then function**

Chrome appears no memory leak, IE still has some momory leak

**VI. Memory Leak for Material Dialog without registering dialog promise then function**

Appears leak in both browser