

## **CS-439 Project-1 Cellular-Automata Rule 45 – Standup Status Report**

**Team:** AJA = Alexandria Wolfram, Juan Sanchez, Andrew Pham

### **Juan Sanchez:**

**1. Completed:** Fixed a portion of the edge cell issue, #5 Write README text file in laymen's terms

**2. Plan to complete:** #8 Fix Issue with edge cells not displaying properly, #7 Apply Cellular Automata Rule 45 to graph

**3. Obstacles:** None

### **Alexandria Wolfram:**

**1. Completed:** #3 Include team name on the web page above the grid.

**2. Plan to complete:** #8 Fix Issue with edge cells not displaying properly, #4 Prepare a 1-page paper describing your analysis of the Big-O running time of your algorithm.

**3. Obstacles:** None.

### **Andrew Pham:**

**1. Completed:** #0 Set Up Github Group and HTML file, #1 Initialize a 400 by 400 square grid to have all cells empty (state 0), #2 Set the top row's 200th (just left of center) cell in state 1

**2. Plan to complete:** #8 Fix Issue with edge cells not displaying properly, #7 Apply Cellular Automata Rule 45 to graph

**3. Obstacles:** None.

### **Ready:**

#0 Set Up Github Group and HTML file

#1 Initialize a 400 by 400 square grid to have all cells empty (state 0)

#3 Include team name on the web page above the grid

#2 Set the top row's 200th (just left of center) cell in state 1

### **Working:**

#8 Fix Issue with edge cells not displaying properly

#7 Apply Cellular Automata Rule 45 to graph

#4 Prepare a 1-page paper describing your analysis of the Big-O running time of your algorithm.

### **Done:**

#0 Set Up Github Group and HTML file (by Andrew 02/06)

#1 Initialize a 400 by 400 square grid to have all cells empty (state 0) (by Andrew 02/06)

#2 Set the top row's 200th (just left of center) cell in state 1 (by Andrew 02/06)

#3 Include team name on the web page above the grid (by Alexandria 02/07)

#5 Write README text file in laymen's terms (by Jose 02/07)

#8 PARTIAL Fix Issue with edge cells not displaying properly (by Jose 02/09)

### **To Do:**

#0 Set Up Github Group and HTML file.

#1 Initialize a 400 by 400 square grid to have all cells empty (state 0).

#2 Set the top row's 200th (just left of center) cell in state 1.

#3 Include team name on the web page above the grid.

#4 Prepare a 1-page paper describing your analysis of the Big-O running time of your algorithm.

#5 Write README text file in laymen's terms.

#7 Apply Cellular Automata Rule 45 to graph.

#8 Fix Issue with edge cells not displaying properly.

**Issues:**

- The graph picture looks reversed in our model.
- Generation 1 to generation 2, right edge (cell 399), should be applying rule 2 resulting in a 0 directly under at generation 2, cell 399. It looks like we're getting a 1.