**Use Case:** Status Bar

**Id**: 3

**Level:** Medium

**Description**

The user can pause the simulation at any point of time or wait till end of simulation to view the status of growth. The status bar would include the series of generations the plant went through before attaining the end generation.

**Actor(s)**

Simulation Supervisor

**Stakeholders and Interests**

Simulation Supervisor

**Pre-Conditions**

* Plant growth simulation is started.
* Plant growth simulation is paused.

**Trigger**

The status bar is enabled on clicking the “Pause” button or at the end of simulation.

**Post Conditions**

Success end condition

The user be able to view and scroll back to any of the previous generations.

Failure end condition

User not being able to scroll back to previous generations because of data corruption.

Minimal Guarantee

Visibility of status bar is guaranteed when paused or at the end of simulation.

## Main Scenario

1. Start the simulation
2. Pause or wait till the end of simulation
3. Notice the series of plat generations marked as tiny lines in the status bar
4. Click on any one line to render the generation stored in the backend to the UI.

## Alternate Scenarios

1. The tiny lines that represent various generations will be enabled only after it is passed in time.