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User Stories and BDD Scenarios

1. As a gardener add new planters to my ideal garden layout
   1. Happy Path: As a gardener, when I add a new planter to my layout, then the layout and state of the database both change, adding a new planter to the table.
   2. Sad Path: As a gardener, when I add a new planter to my layout, the layout does not change to reflect a new planter.
   3. Sad Path: As a gardener, when I add a new planter to my layout, the database does not change to reflect a new planter being added to the table.
2. As a gardener, I can remove plants from any planter in my ideal garden layout.
   1. Happy Path: As a gardener, when I remove a plant in a planter, the correct plant is removed from the planter in both the view and the database.
   2. Sad Path: As a gardener, when I go to remove a plant from a planter, the plant is not removed from the view.
   3. Sad Path: As a gardener, when I go to remove a plant from a planter, the plant is not removed from the table in the database.
3. As a user, I can see which planter slots are filled and which are not via an easy red=full white = empty color scheme
   1. Happy Path: As a user looking at the planter’s visual representation, when I look to see which planters are filled, I can identify which are vacant based on whether they’re red or white.
   2. Sad Path: As a user, when I look at the table, it is improperly colored and I am unable to tell which spots are vacant at a glance.
4. As a gardener, I can view past garden layouts and information via the Previous Plans view
   1. Happy Path: As a gardener, when I look at the past garden layouts view, I am able to see layouts that I have made in the past.
   2. Sad Path: As a gardener, when I look at the past garden layouts view, the past layouts are not available for my viewing.
5. As a gardener, I can add a task to my gardening schedule
   1. Happy Path: As a gardener, when I look at the garden schedule view, I can add a new task that is then reflected on the schedule.
   2. Sad Path: As a gardener, when I attempt to add a task, it is not reflected on the schedule view.
6. As a gardener, I can access basic views (planter layout, plant list, schedule, etc.) from a basic taskbar
   1. Happy Path: As a gardener, I can view and select any of the primary views from the taskbar and have them appear on selection.
   2. Sad Path: As a gardener, when I look at the taskbar, the views are not listed.
   3. Sad Path: As a gardener, when I select an item on the taskbar, the associated view doesn’t appear.