Drawing Tool:

Set up the ‘toggle camera’ feature (so that users can utilise the camera on their devices to map out their design in reality using augmented reality).

Create/get the plant models that will be used.

Create the 3D canvas that can have the plant models mapped onto it.

Set up the ‘draw mode’ and ‘eraser mode’ which can be switched between.

Set up the ‘undo’ button that allows users to undo their last edit.

Set up the ‘redo’ button that allows users to redo their edit after the undo button has been clicked.

Create a save button which saves that current design to the ‘MyGarden’ repository.

Create a ‘clear canvas’ button which clears the entire canvas.

Create a button which controls the floor width of the canvas (increase and decrease).

Create a button which controls the floor height of the canvas (increase and decrease).

Database:

Input information for the first 15 different plants/vegetables into the database.

Input images for each plant in the database.

Set up the search bar which allows users to input search queries.

Create buttons that let users navigate to the next/previous page.

Calendar:

Find an appropriate unlicensed calendar function.

Update calendar from database.

Notify users from calendar entries.

A screenshot of a computer

Description automatically generated