**Plant Selection Planner**

**Description**

A plant database searcher in which a user can retrieve a list of plants that fall under desired criteria – hardiness zone, sun exposure, herbaceous/shrub/tree, evergreen/deciduous (for woody shrubs/trees), and bloom time. The user can then add plants to a personal collection that they can print and take on a trip to a nursery.

**Motivation for Development**

Amateur gardeners often go to plant nurseries and ask for plants that meet certain criteria. It can be difficult to narrow down the immense number of choices at a nursery while meeting all desired criteria. If a gardener were able to search a list of plants by desired criteria and develop a list of plants that meet their needs, they could take their list to a nursery and ask if their desired plants are available, rather than asking the nursery to narrow their choices down for them, expediting the process for everyone.

**User Stories**

As a gardener,

I want to search for plants filtered by certain criteria

So that I can choose plants that suit my gardening needs

As a user,

I want to add plants to a personal collection

So that I can print that list to take with me to a nursery

As a Nursery Manager,

I want to provide my customers with the plants that meet their needs without wasting a lot of time.

**Technologies**

Foundation, Node.js, Express.js, Handlebars.js, MySQL, Sequelize

**Task Breakdown**

**Future Development**

Expansion of plant database and selection criteria

**Wireframe**

