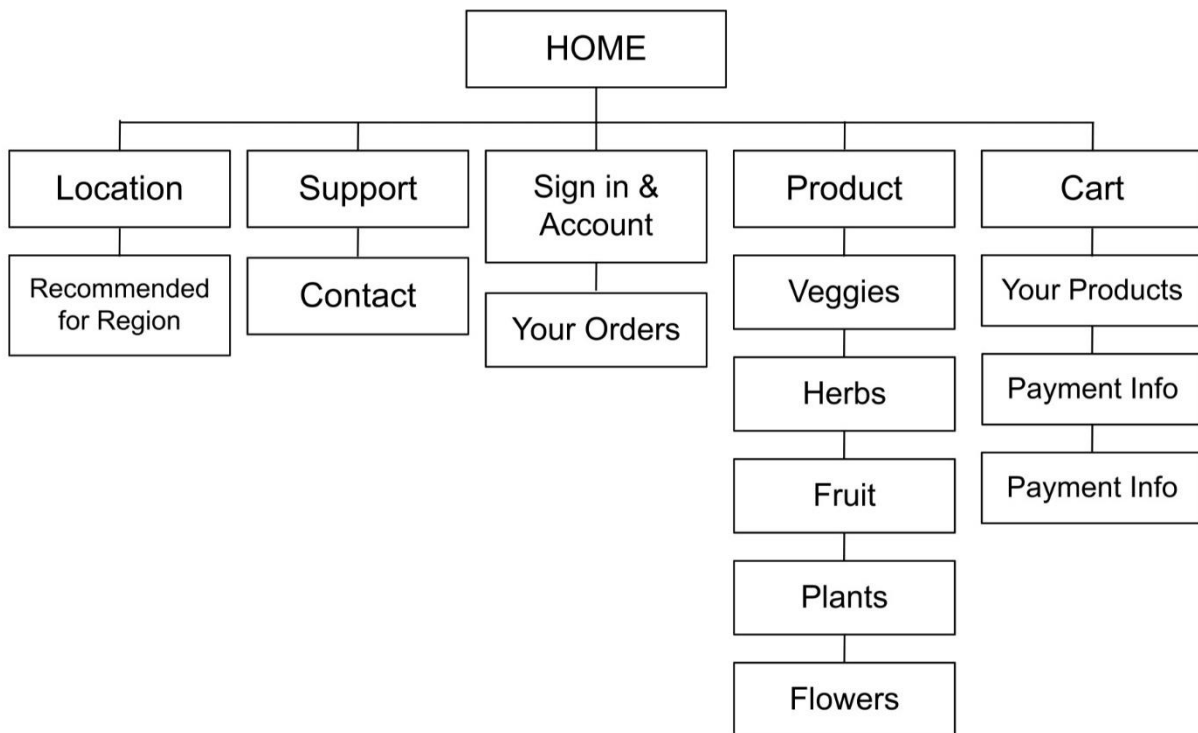# Problem Description Write-Up

My project is called Evergrow. Evergrow is a web application where users can buy seeds and find tips for growing different types of seeds based on their region. This web application will solve a variety of issues for consumers: where to buy seeds from, how to properly grow seeds, and what different plants can be used for. Some examples of user personas that would benefit from using Evergrow are a novice of gardening, who doesn't know where to find or grow seeds. This user can solve their issues by visiting the website, browsing the category of seed they wish to purchase and then clicking on that seed to purchase it. Then the user will interact with the website by exploring the various tips on how to successfully grow that specific seed. Another user would be a current gardener who is experiencing difficulties with finding purposes for the plants they are growing. This user would utilize the website to solve their problem by browsing the seeds they are currently using at home and reading the information displayed on the variety of uses for the plant. The last user is a mother who is looking to figure out why the flowers she planted in her backyard are not growing as successfully as other species. This user would then access the website, enter her location, and read the application response of plant species that can be grown in that region.

MVP Write-Up

The website will have the necessary features to solve the user's problems. There will be a bar at the top of the page that has links to different pages for each plant category, tips, and support. Each plant category page will have a list of seeds that can be purchased by adding the seed to the shopping cart. Each seed will also have information displayed for that specific species. There will be a shopping cart in the top right corner of the page where the user can access and manage the seeds that they wish to purchase. The above-listed features of the website will also be the minimum required to provide a workable solution for the users.

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  │ Location │  │ Support  │  │  Sign in & │  │ Product  │  │   Cart   │
  └──────────┘  └──────────┘  │   Account  │  └──────────┘  └──────────┘
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  │Recommended│ │ Contact  │  ┌────────────┐  │ Veggies  │  │Your Products │
  │for Region│  └──────────┘  │Your Orders │  └──────────┘  └──────────────┘
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                                             │  Plants  │
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                                                   │
                                             ┌──────────┐
                                             │ Flowers  │
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```

The data will be managed by database, where a theoretical stock of seeds will be kept and monitored.

Each time a user buys a seed, this stock for the specific seed will be reduced by x amount until it reaches

0 or is restocked in the future. The database will keep stock independent of web application runtime and

will therefore be persistent.