JOHN TOMPKINS
CAPSTONE PROJECT PROPOSAL 1

APP NAME: Provisions Online Storefront

Provisions will allow users to shop from a highly curated selection of craft beer, natural wines, non-alcoholic beverages, and specialty foods (breads, spreads, dips, etc.) in a user-friendly online platform. Whether it be a friend's birthday party, a family dinner, or a date night with a special someone, Provisions will have the perfect treats to make any occasion special.

Looking to serve craft beer and wine enthusiasts young and old, Provisions aims to have a high end selection while still being accessible to less experienced consumers. The app will provide educational elements to the user in the form of well written descriptions of the products, informative production notes, included but not limited to, origin and any special details about the production of the product, as well as, what other items in the shop will pair well with the product selected. The goal being to provide Provision's users with access to incredible products as well as an understanding of background and process.

Since Provisions will look to include a varied amount of products, the development may require data from multiple APIs. Untapped API is an API from the popular beer enthusiast platform, Untapped. It provides JSON data about beers and breweries worldwide. This will be incredibly useful in developing the inventory for the beers. An API for wines and food items will be necessary as well.

The app will have user authentication to secure information about the user, including a name, email, and if the user chooses, a form of payment (debit/credit card information). The user having a profile of this nature will allow them to be able to create an account, have saved preferences related to products on the app, history of recent purchases, and maybe some form of a wish list or saved items.

When users first access Provisions, they will be greeted on a home page, where they can sign up for a profile, and once they have completed the creation of their account, they will be able to explore the site. The site will be connected by multiple pages that separate the selection of wine, beer, and food items.

Allowing users to engage on an educational level with the inventory of the shop will give development the opportunity to make this site more than CRUD. Stretch goals for the site include linked media (maps, educational videos) that can help educate the user about the inventory they are planning to buy, linking payments to outside payment sources (apple pay, android pay, possibility of linking to a bank account). While the design aesthetic at first may be rudimentary, development hopes to include more advanced design features such as page animations and forms of graphic design.