Team 6 | CSC 4350 Software Engineering

Identifying Trends in Regional Wine Sales

Team Members

1. DW
2. AG
3. DM
4. HT
5. SP

**SWE Stories**

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| **Story ID** | **Story Description** | **Task ID** | **Task Description** | **Assumptions** |
| 1 | Sam is a chef who runs a pop-up every week at a restaurant in East Atlanta Village. His pop-up has been extremely successful, and he is now looking to open his own brick and mortar restaurant. He is looking at several different spaces for rent in different neighborhoods within Atlanta.  At his pop-up, the hosting restaurant sold beverages and wine to his patrons, and as such he never felt the need to learn much about wine. Not only is Sam a novice when it comes to wine, but he will also be new to the neighborhoods he’s looking to rent in.  After some research Sam finds our website. If he clicks on the “Atlanta” tab, he will find a list of neighborhoods within the city and the wine trends in each of those neighborhoods. | 1 | * 1. Determine programming language we will use.   2. Design homepage layout with list of available city hyperlinks.   3. Create page header for homepage.   4. Create logo   5. Design template for city page layout. | The client will see our website as relevant and explore the tabs. |
| 2 | A server is looking to land a job at a popular steakhouse in the Buckhead neighborhood of Atlanta. She has a solid foundation for her wine knowledge, but only has experience with white wines as she comes from a seafood restaurant.  Wanting to impress the interviewer, she wants to display a working knowledge of the types of red wines that might be sold at this steakhouse. She does some research prior to her interview and finds our website.  After locating the “Buckhead” section of the Atlanta page, she then wants to look specifically at the red wines sold in this neighborhood. | 2 | 2.1 Design layout for neighborhood pages  2.2 Design filters/pages for red vs. white wine |  |
| 3 | Jimmy is a restaurant owner who is looking to boost his wine sales. After doing research to find what red wines and white wines sell the best, and based on the restaurant menu’s offerings, what foods go best with these wines, he finds our website.  After reading through our website, he comes across a “Red Wine” and “White Wine” tab with current data of the top sold red and white wine. He also finds a “Food Pairings” tab that includes what foods are best suggested with what wines. | 3 | 3.1 Gather and input wine sale data for red vs white wine pages  3.2 Design pages for Food Pairings between red vs white wines  3.3 Gather and input information of best food pairings | The customer will be able to help gather more information about wines and food to help improve their restaurant |
| 4 | After using our website for some time now, Sam wants to be able to help other businesses the way we were able to help his. Our website helped him find the trending wines in his area to help boost his wine sales and keep him informed.  After reviewing our website again, he will see a “Review” tab. This tab will allow Sam to give our website feedback and allow him to share his story and how our website was able to impact his restaurant. | 4 | 4.1 Design a “Review” tab that allows user input from the customer that will remain on website | Allows customer to give feedback, good or bad, on our website and show their story so others may be interested in our site. |
| 5 | Samantha is a wine lover of a particular taste. She’s been looking for an easy way to find wines that are sorted.  After finding out about our website, she’s intrigued. On our website she comes across a drop-down bar under the tab “Flavor Profiles” organized “White Wine” and “Red Wine”. These tabs will have the wines organized by flavor profiles, which can be, sweet, sour, bitter, or dry. | 5 | 5.1 Research about what wines are categorized and input those flavors on the website.  5.2 Design pages for white wine and red wine flavor profiles with the names attached. | The customer will have the option to search for wines if they have specific taste buds |
| 6 | A restaurant owner only wants wines grown in certain places sold at his restaurant.  He comes across our website, and he can search what wines come from which places and are made by which grape varietal. | 6 | 6.1 Gather info about grape varietals and it’s location. | Allows user into a deeper look of wine making. |
| 7 | A wine distributor is looking for more clients. A representative came across the site.  While browsing the website, she clicks on the brands section. She sees a list of wine brand offered.  If she clicks the Contact section, she will she the email address, phone number, and messages.  If she clicks the Why Us section, she’ll be able to understand the analyzed trends of why selling in the region. | 3 | 3.1 Create a contact for potential businesses  3.2 Design and attach wine company brands  3.3 Design a Why Us section | The client, wine representative, is interested in becoming one of the suppliers. |
| 8 | Jack is learning to become a data analyst/data scientist. He wants to see if the program is interactive that allow him to filter or sort relevant.  He also wants to see if it can change the graph, trend line if he changes different condition in the program. | 4 | 4.1 Create a filter and sort by function  4.2 Create an interactive map | The client wants to see the interactive of the program. Some basic functions such as filtering and sorting |