ER Diagram of the Winestore database.

Output Screens: Search Wines view
- Creating new wine

- Updating existing wine details
- Deleting existing wine details.

- Search Wines:

  When we select any region, data will be displayed region wise. Here we can select multiple regions also.
The above table is a Jquery plugin which uses couple of javascript files and a jquery css. This plugin allows paging so that limited number of rows can be displayed for one page and user can navigate to other pages to see more rows.

This plugin also provides search feature where user can search for anything in the table using search string.
Here when user starts entering ‘tris’, only records having this string will be filtered and shown to the user.

User can also search for wines using Winery name field which is a Jquery autocomplete plugin. This displays winery names automatically when user starts typing.
User can also use Price field and specify start and end price. This returns wines which are in between that price range.

Now when we try to insert new wines, information of new wine will be pushed to database and the newly inserted wine info will be displayed as table to the user.
This data can be seen from main view by selecting those details.

The newly inserted wine is listed in the table with region and its type.
Let us update this newly inserted wine and give a new name like UpdatedTestWine and push Update Records button.
This record will be updated and the updated record will be shown in the table below.

Now this can be seen from the main view to confirm it is in the database.
So now, the record is updated with new information of wine.

We need to provide the id of wine and winery so we can delete this record. Let us try to delete this record.

When we click on the Delete Wines button, the query for deleting record will be executed in MySQL and a message is shown to the user that the record has been deleted.
Now if we try to retrieve this record, it can’t be seen in the table.
After every operation of accessing data, an email is sent to the user with the search results.

Below is screenshot of an email received to the user prakash.siva123.