

Listed below are six features of PearScale. Feel free to explore the website's features further as there are cool features like a universal search, and pages for the Freshest (newest) and Ripest (top rated) pears.

1. To access most of the functionality of the website, you must create an account. To do this, click the login button on the home page. Then click the 'Create Account' button on the modal. Enter your new account information and press submit. If you do not receive an error from missing fields, you will be redirected to the home page and be logged in.
SQL:

```
INSERT INTO Users (Username, hash, salt, Birthday, Email)
VALUES (?)
```
2. Once you are logged in, let's start posting pears! On the home page, click the circle on the bottom right to open the create-a-pear modal. For your convenience, here is a test pear image url: https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQ1j81UVx1z6l3FdM2Cln4mnoCIm_Ydm_46Kd5xsZSK-Ycqvenp&s. Notice that if any fields are missing, the post is rejected. Once your pear is posted, refresh the home page and your pear should be visible at the top.
SQL:

```
INSERT INTO Pears (UID, Title, Description, Image, Date,
Time) VALUES (?, CURRENT_DATE(), CURRENT_TIME())
```
3. Now that you have made a submission, let's look at your pear's webpage! Navigate to the pear page by clicking on your pear's photo on the homepage. When you are on this page, you will see the all of the pear's information.
SQL:

```
// get pear info
SELECT * FROM Pears WHERE PID = ?
// get tag info
SELECT * FROM (SELECT * FROM pearTags as swag WHERE ? =
swag.PID) as swag2
// get pear rating info
SELECT AVG(Score) AS average, COUNT(*) as numRatings FROM
Ratings WHERE PID = ?
```
4. Because you are the owner of this pear, you have the ability to assign tags to the pear to make it easier to find. Click on the add tag button on your pear's page. Add the tag 'juicy'. Your tag should immediately pop up on the pear page.
SQL:

```
INSERT INTO Tags (Tag, PID) VALUES (?)
```
5. Now that your pear is tagged, why don't you look at other pears with that tag? Click on the 'juicy' tag on your pear. This will link to a page containing all other pears with the 'juicy' tag.
SQL:

```
SELECT * FROM pearTags WHERE ? = Tag
```

6. Now that you're viewing a nice selection of pear photos, we should give them our rating. Click on any pear to view the pear's page. Then click the rate button. Assign it a rating submit it. The page will update to display your rating. If you attempt to rate the pear again, the site will alter your rating score instead of creating a new rating.

SQL:

```
// check if user has submitted a rating
SELECT * FROM Ratings WHERE (PID = ? AND UID = ?)
// if user has, update their rating
UPDATE Ratings SET Score = ? WHERE (PID = ? AND UID = ?)
// else, submit a new rating
INSERT INTO Ratings (Score, PID, UID) VALUES (?)
```