

Provide a site where students can explore the solar system and take interactive quizzes.

List of Use Cases

a

1.Create Account

Precondition- None.

PostCondition- UserInfo is updated with information from a new user.

Actor - User

Insert into UserInfo (UserID, Username, firstname, lastname, email, phone, address)
values (1, 'eward0', 'Ernest', 'Ward', 'eward0@e-recht24.de', '63-(304)657-0386', '71539
Coolidge Crossing', '1996-11-21', null);

Let's Create Your Account!

First we are going to need some information!

UserName	Username Goes Here
First Name	First Name Right Here
Last Name	Last Name Right Here
Phone Number	XXX-XXX-XXXX
Home Address	City, State, Zip Code
Date of Birth	MM/DD/YYYY
Submit	

2. Delete Account

Precondition- User must have an existing account.

PostCondition- UserInfo is updated with removal of information of deleted account

Actor - User, Admin

Delete from UserInfo where UserID = 1

or

Delete from UserInfo where Username = "eward0"

2. Delete account

User side

Home Quizzes News Gallery Videos

My account Log out

Account Management

User Information

Username: _____
Email: _____
Last Name: _____
First Name: _____
Address: _____
City: _____
State: _____
Zip: _____
Phone: _____
Password: _____
Confirm Password: _____

Quizzes Taken:	Quizzes Passed:
1	1

Delete account (Bottom of page)

↓
(Alert: Are you sure you wish to delete account?)

Admin side

(database side)

List of users

Username	First Name	Last Name
...
...
...
...
...
...

Y
X delete account
X delete account

3.Insert Quiz

Precondition-Must be an Administrator

PostCondition- Quiz is updated with another quiz that can be taken by users.

Actor - Admin

Insert into Quiz(QuizID, QuizTitle, Questions) values (12, SaturnMoons, 10);

4.Delete Quiz

Precondition-Must be an Administrator

PostCondition-Quiz is updated with less quizzes that user can take

Actor - Admin

Delete from Quiz where QuizID = 12

or

Delete from Quiz where QuizTitle="SaturnMoons";

3. Insert quiz /

Quizzes Available

Quiz Title	# of questions	Posted	
Sun	10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	X delete
Mercury	10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	X delete
...	X delete
Saturn moon	10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	X delete

4. Delete quiz

Create New

Quiz title:
 # of questions:
 Post: ☒ Yes ☐ No

Questions:
☐
☐
☐
☐

Question ID:
☐
☐
☐
☐

5. Take Quiz

Precondition- Must have an account and be logged in

PostCondition- User/Admin accesses quiz and is pushed to Grade Quiz

Actor - User, Admin

Select QuizID from Quiz where QuizID = 1;

Take Quiz:

Home

quizzes

News

Gallery

Videos

Welcome to the Sun Quiz!

Try and answer as many as you can please.

1.

2.

.....

10.

?

Submit

Cancel

↓

↵

You received ☐ out of 10!

if ☐ ≥ 7 → Congrats! You passed the quiz

else:
↳ Sorry you did not pass.

6. Grade Quiz

Precondition-Must have completed a quiz while logged into account

PostCondition-UserInfo will be updated with number of quizzes passed based on percentage received on quiz.

Actor - Admin

Select UserID, QuizID, percentage from QuizGrade where QuizID = 1;

Update UserInfo set quizpassed=count(percentage) where percentage ≥ 70

6. Grade Quiz

Home Quizzes News Gallery Videos

My Account

(Before Quiz)

User Account

Username: _____
First: _____
Last: _____
email: _____

Quizzes taken	Quizzes failed
3	2

breakdown (Line)



(Line) →

quiz title	# right	out of	%
Sun quiz	7	10	70%
Monday quiz	5	10	50%
News quiz	8	10	80%

Question 1: _____?

- ☐ - Right choice (green highlight)
- ☐
- ☐
- ☒ ; Your choice (red highlight)

Question 8: _____?

- ☐
- ☐
- ☒ Your choice right!
- ☐

Return to My Account

ER Diagram

