

Deliverable 1

Features that need user stories

1. Users will need to begin by creating an account on 442dating.org. When registering an account, the user will need to supply a username, password, age, gender, height, weight, sexual orientation, and number of tropical shirts owned.
2. Once their account is created, users will first login to the system.
3. Upon logging in, the user specifies a filter used to identify possible dates. The filter must include at least 1 attribute. The system uses this filter to display subscribers in their database meeting those preferences.
4. The user can then select 1 person from that list to whom they send a date request. The user can also review any date requests they received.
5. For each date request, the subscriber can accept it, reject it, or keep it in their inbox for later.

1) As someone looking for a 442 date, I want to create an account and specify my age, gender, height, weight, sexual orientation, and number of tropical shirts owned, so that I can look for other people who may be interested in me.

Acceptance Tests

Test 1:

1. Go to 442dating.org and click “Register”
2. Enter the following information
 - a. First name: fname
 - b. Last name: name
 - c. Email: email@example.com
 - d. Password: password
 - e. Age: 34
 - f. Gender: M
 - g. Height: 5’4”
 - h. Weight: 2000 lbs
 - i. Sexual orientation: heterosexual
 - j. Number of tropical shirts owned: 10,000
3. Click “Register”
4. Verify that you are brought to the search for other users page and the name in the upper right corner of the navigation bar matches fname

2) As a person who has used the site before looking for love, I want to be able to log in, so that I can conveniently continue searching for love without reregistering.

Acceptance Tests

Test 1:

1. Go to 442dating.com and click “Login”
2. Enter the following credentials:
 - a. email: email@example.com
 - b. password: password
3. Click “Login”
4. Verify that you are brought to the search for other users page and that the name in the upper right corner of the navigation bar matches fname

3) As a person looking for love, I want to filter by various attributes, so that I can more quickly search for love

Note: Assume invalid ranges cannot occur because inputs are produced on the frontend by sliders and checked on the backend

Acceptance Tests

Setup (repeat before each test):

1. Go to 442dating.com - ensure you are already logged in as a user (see user story 2)
2. Verify that you see a panel with filters based off the various attributes user registered with

Test 1: Number of tropical shirts

1. Filter by the number of shirts owned so that only users with at least 10,000 appear
2. Verify you see only 1 user (fname lname)

Test 2: Age

1. Filter by the number of shirts owned so that only users between 32 and 36 appear
2. Verify you see exactly 2 users
 - one that is 33 (tests in range)
 - and one that is 36 (tests on boundary)

Test 3: Height

3. Filter so that only users between 5’3” and 5’5”
4. Verify you see only 1 user (fname lname)
5. Verify that if you click on them you are taken to there profile (/profile/fname)

Test 5: Weight

6. Filter by the number of shirts owned so that only users below 10 lbs appear
7. Verify that no users appear

4) As a person looking for love, I want to send a date request and receive date requests, so that I can let people I’m interested in know that I’m interested and vice versa.

Acceptance Tests:

Test 1: Sending

- Navigate to 442dating.org/profile/user1 - verify you are logged in as “fname lname” (see user story 2)
- Verify you are on user1’s profile page

- Click on the “Send a date request” button

Test 2: Receiving

1. Navigate to 442dating.com (log out if logged in)
2. Now login as user1 (follow user story 2 with credentials email: user1@example.com, password: password)
3. Click view my date requests
4. Verify that you see a recent request from “fname lname”

5) As a person looking for love, I want to modify the status of incoming date requests, so that I can maintain my inbox and better find love.

Acceptance Tests:

Setup (repeat before each test):

1. Follow the steps in user story 4 to send a request from fname to user1
2. Navigate to /inbox while logged in as user1
3. Verify you have an incoming request from fname

Test 1: Accept

1. Click accept on the incoming request from fname
2. Verify that a green checkmark appears over the request

Test 2: Reject

3. Click reject on the incoming request from fname
4. Verify that a red X appears over the request

Test 3: Keep

1. Verify you can view the incoming requests (user story 4)
2. Do nothing
3. Verify that the request is still there

Deliverable 2

1. A hosting service to host the site
2. A DNS service to properly direct requests for 442dating.org to the hosting service
3. A database service to store user info and date requests

Deliverable 3

- Apache PHP to host the backend
- React for the frontend (why not)
- An .htaccess to bring it all together
- MySQLi allows php to easily interact with the database