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### TimeLime

### Team Citrus

Here are some of the user stories I worked on and tested. They include equivalence classes and descriptions of my testing methods for each one.

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#### Sprint 1:

- (2) As a developer, I want only authorized users to be able to access the platform so that it remains secure

Equivalence Class: Log in to the website with email and password

I created an account using the sign-up form and then used that account's email and password to log in to the website. I also filled out the form with incorrectly formatted emails, incorrect passwords, and emails without an account at our site yet and verified that the corresponding errors were displayed below the form

- (3) As a user, I want to be able to post information about myself and post my thoughts so that others will know who I am and what I am thinking

Equivalence Class: Create a post and save it in the database

I typed a post and clicked the "post" button. Then I checked in the Firebase web console to verify that it was saved properly with all the necessary information. I did not need to check if the post showed up on the user page since that was a different task

#### Sprint 2:

- (2) As a user, I want to be able to add/remove friendships with other users

Equivalence Class: Send or cancel a friend request / remove a friend

I went to a different user's page and clicked the "add friend / cancel request / remove friend" button. I checked to see that the button changed from what it displayed before to the new correct option. I also checked in the Firebase web console to verify that the friend request was saved properly with all the necessary information or removed entirely

- (5) As a user I want to be able to view another user's profile page

Equivalence Class: User icons link to user pages

I went to my own user page and ensured that it had the correct URL with my user ID in it. Then I opened my friends list and clicked one of their icons to link to their page. I verified that the user ID in the URL changed and also that the user page was for the correct user

Equivalence Class: User page displays differently for the logged-in user

I logged in and verified that my own user page had options for making posts, changing profile picture, changing bio, and did not have options for adding or removing friends. Then I went to a page of a different user and verified that there

were no options for making posts, changing profile picture, changing bio, but there were options for adding or removing friends

### **Sprint 3:**

- (7) As a user, I want my messages stored somewhere so I can view them even after I have stopped messaging my friend

Equivalence Class: Create a message and save it in the database

I typed a message and clicked the “send” button. Then I checked in the Firebase web console to verify that it was saved properly with all the necessary information. I did not need to check if the message showed up on the messaging page since that was a different task

### **Sprint 4:**

- (1) As a user I want an accurate representation of notifications so that way I am not clicking on past notifications

Equivalence Class: Notifications do not include a users’ own actions

I created a post and then added a comment on to the post. At the time, comments were the only notifications users received. I verified that no notification was received for my own comment. Then I logged in to a different user account and commented on the same post. After that I logged back in to the first user’s profile and verified that a notification was present for the other user’s comment, but not my own.

- (4) As a user I want my timeline to be ordered properly so that way I can see what my friends most recent ideas are

Equivalence Class: Posts are in reverse-chronological order

I went to the timeline page and verified that all posts so far were in reverse-chronological order. Then I made several posts, alternating between posting from the timeline page, the user page, and other users’ timeline and user pages. Then I returned to the timeline page and verified that all the posts I had just made were in correct, reverse-chronological order

- (6) As a user, I want my posts to function correctly so that I’m not confused by them

Equivalence Class: Posts display time remaining and time posted

I created a new text post from the user page. Then I verified that the time remaining and time posted were displaying the correct times. I also checked that the information was correct on the timeline page and from friended users’ timeline pages. Then I would wait a period of time and check again to ensure that the times were changing and still displaying correctly