## **Testing**

Product Name: QueuedUp

Team Name: QueuedUp

Our Team adopted the test-driven development (TDD) process. This software development process relies on the repetition of very short development cycles. How this paired with SCRUM methodology had both pros and cons.

**Pros:** SCRUM relies on quality produced development which is ensured within each sprint using the TDD. Like SCRUM, Test Driven Development works in short development periods.

**Cons:** Because each of the sprints are limited to a set number of days, the production rate tends to decline due to the setbacks of testing along the way.

## Testing tools:

- We used Postman to send HTTP requests to the server to do various tests on each route.
- The extension Redux DevTools was used to view and test our states.

"email": "sorathedog@ucsc.edu",

"password": "012345"

}

```
Login Test 3: correct username and password
Body:
{
       "email": "sorathedog@ucsc.edu",
       "password": "012345"
Response: 200 OK
{
       "token": { big token string }
}
Example test 2: create post with token from login test
Headers:
{ "Content-type" : "application/json" }
{ "Authorization" : "Bearer { token from previous test }" }
Post Test 1: Attempt to post with expired token
Response:
{
       "error": "auth/id-token-expired",
       "message": "Error with token verification"
}
Post Test 2: Attempt to post with incorrect token
Response:
{
       "error": "auth/argument-error",
       "message": "Error with token verification"
}
Post Test 3: Attempt to login with correct token from login test
Response: 200 OK
{
       "username": "igotrobbedlol",
       "content": "Thanks for the fun quarter!",
       "imageURL":
"https://firebasestorage.googleapis.com/v0/b/queuedup-123.appspot.com/o/7544096705.jpg?alt=m
edia",
       "createdAt": "2020-07-22T21:45:05.806Z",
       "increments": 0,
```

```
"decrements": 0 }
```