**Test Plan**

Achievers Twitter Mockup (Intro SE project)

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**INTRODUCTION**

The project is a mockup of twitter that will include features such as posting tweets, liking tweets, and following users.

**OBJECTIVES AND TASKS**

**Objectives**

Our objective that this document covers is to fully test each feature and ensure that it works exactly as intended both visually and internally.

**Tasks**

Each feature will have a full list of tasks that “prod” each of its capabilities ensuring that a success report doesn’t represent a partial implementation.

**TESTING STRATEGY**

Our method of testing will mostly revolve around the user side. Essentially, we will use each of the features from the client side as if we were a common user and interact with it the same as a user would to ensure proper functionality. There will be little if any actual coded tests.

**UNIT TESTING**

**Definition:**

The minimum unit of testing will be one change per action made by the user. For example, when liking a tweet, ensuring that the number of likes is incremented would be one unit of a test. Seeing the visual change in the like button would be a second unit of a test.

**FEATURES TO BE TESTED**

Login

Create User Account

Follow A User

Like a Tweet

Post a Tweet

Search

Comment

Edit Profile

**FEATURES NOT TO BE TESTED**

N/A

**STEPS TO TEST FEATURES**

Login

Navigate to the Login page

Ensure that credentials not linked to an account don’t grant access

Enter User and password credentials

Ensure that you have access to timeline, profile info, posts, etc.

Create User Account

Navigate to create account page

Ensure that an account can’t be created without the required information

Enter required information to create an account

Ensure that you can login in with those credentials

Ensure that account as been added to the database

Follow A User

Navigate to the profile of the user you wish to follow

Select the follow button

Ensure that user has been added to the list of users you follow

Ensure that user’s posts can be seen on your timeline

Ensure that you have been added to that user’s list of followers

Like a Tweet

Navigate to the tweet you wish to like

Select the like button

Ensure that the visual change in the like button has occurred

Ensure that the number of likes for that tweet has incremented

Post a Tweet

Select the post a tweet button

Ensure that posting empty text isn’t allowed

Type the text you wish to post

Press the post button

Ensure that any accounts following you can see your post

Ensure that your post has been added to your personal page

Search

Navigate to the Search bar

Ensure that empty searches aren’t allowed

Type in any text you wish to search for

Ensure that the results if any are only those that match or contain the text that was searched for.

Comment

Navigate to the post you wish to comment under

Select the comment button

Ensure that empty comments aren’t allowed

Type the text you wish to comment

Select the post button

Ensure that your comment appears under the correct post

Ensure that other accounts who can see the original post can also see your comment

Edit Profile

Navigate to your profile

Select the Edit Profile button

Ensure that editing required information to be blank isn’t allowed

Make any desired changes

Select the save changes button

Ensure that any changes are now still visible

Ensure that any public information that was edited is visible to other accounts