

# Sprint 2 Testing Plan

## **Sprint 1 Overview**

Because no functionalities were fully implemented during Sprint 1, no tests were written yet. Instead, focus was shifted to discovering and learning about testing tools and methods.

## **Testing Plan for Sprint 2**

Since the applications are in React/React Native, Jest will be used for unit testing. Testing will be automated through a CI/CD pipeline and will run on each push. We wish to achieve a recommended code coverage of 80%.

## **Sprint 2 Unit tests**

Unit tests will be written for features we started to implement during Sprint 1, and those we will implement in Sprint 2, which include:

- `handleLogin()`: A user logs in
- `handleSignUp()`: A user signs up
- `updateProfile()`: A user updates information on their profile
- `addListing()` : A condo management company adds a listing

## **Sprint 2 Integration tests**

Integration testing will be conducted to test interactions with our database. While unit tests will check if functions such as `handleLogin()` work using hardcoded data, integration testing will test if the `handleLogin()` component successfully communicates with the database. We will set up a testing state database for such purposes.