

Testing Report

Here is the testing report for Sprint 3. It contains updated tests, whether they passed, their coverage if applicable and any other relevant details.

This sprint we wrote 17 tests. We did unit testing and started with end-to-end testing. It is important to note that there were issues trying to use code coverage with Cypress, the tool we chose to use for integration testing. We will be fixing it to include code coverage for the next sprint.

As for the unit testing, we were able to achieve 81%+ code coverage for all tests done.

Test #	Test name	Purpose of test	Expected results	Type
1	Unique profile validation	Ensure user is able to sign in successfully	User creates an account successfully	Integration
2		Ensure user is able to log in	User Logs in successfully	Integration
3	Condo Owner's Dashboard	Ensure that users can update their information	User registers and enters all their information to be updated. The update is made in the backend and returned to the frontend.	Unit
4		Ensure that user is authenticated before being able to update their information.	Backend rejects any user trying to update an ID that isn't theirs or while unauthenticated.	Unit
5		Ensure that a condo owner registers/updates their information and it is correctly displayed.	User register and enters all their information. User is able to see all their information displayed on dashboard.	Integration
6	Condo management company profile	Ensure that user is authenticated before being able to upload condo information.	Backend rejects any unauthenticated user that isn't authenticated.	Unit
7		Ensure that user is authenticated before being able to create a new condo property	Backend rejects any user that isn't authenticated.	Unit

8		Ensure property can be created and properly stored.	Authenticated user is allowed to create a new property associated with their ID in the backend.	Unit
11		Ensure that upon creation of property profile, we can upload files and information, generate a key and link it to a user profile.	Property is successfully created with all necessary info. Associated registration key is created. Key is associated to a renter.	Acceptance
12	Financial system	Ensure that user is authenticated before being able to access the financial system	Backend rejects any user that isn't authenticated.	Unit
13		Ensure CMCs can enter condo fees.	Condo fees are stored correctly in the database	Unit
14		CMC can charge clients for certain operations.	Client cost entries are stored in the database.	Unit
15		Ensure financial system generates annual reports	Sum of collected fees for given year is correct.	Unit
16	Request and customer support system	Ensure that user is authenticated before being able to access the customer support system	Backend rejects any user that isn't authenticated.	Unit
17		The user's questions are sent to the backend and a employee answers the user's questions.	Backend takes in user's input and answers the question.	Unit

Results

Test #	Test name	Type	Metrics & coverage [stmts]	Testing Results	Extra information on results (screenshots, comments, etc)
1	Unique profile validation	Integration	N/A	Passed	Coverage not working at the moment but test has passed

2		Integration	N/A	Passed	Coverage not working at the moment but test has passed
3	Condo Owner's Dashboard	Unit	81%	Passed	
4		Unit	81%	Passed	
5		Integration	N/A	Passed	Coverage not working at the moment but test has passed
6	Condo management company profile	Unit	83%	Passed	
7		Unit	83%	Passed	
8		Unit	83%	Passed	
11		Acceptance	-	Passed	<p>Prereq: Assuming User is logged in</p> <p>Steps:</p> <p>1- User clicks on property profile button</p> <p>2- User clicks on add property icon</p> <p>3- User enters all the necessary property information</p> <p>4- User clicks on add property</p> <p>5- Property is created and key is created and showed to user.</p>
12	Financial system	Unit	92%	Passed	
13		Unit	92%	Passed	
14		Unit	92%	Passed	
15		Unit	92%	Passed	

16	Request and customer support system	Unit	95%	Passed	
17		Unit	95%	Passed	