

Testing plan Sprint 4

The testing plan for Sprint 4 will focus on finishing the planning for the previous user stories as well as starting on the planning for the user stories we will be implementing in Sprint 4. We plan to use Jest for unit tests and Cypress for integration testing. We plan to be proactive in our testing approach because we know that the earlier we find the problems, the better it will be. We also plan to set up continuous testing pipelines to ensure everything is going smoothly.

The testing plan for Sprint 4 is the following:

Test #	Test name	Purpose of test	Expected results	Type	Metrics & coverage [stmts]
3	Condo Owner's Dashboard	Ensure right profile information is displayed in dashboard	Profile information is valid	Unit	80%
6		Ensure status of submitted requests is right	Submitted status is valid	Unit	80%
11		Ensure property can be created.	Logged in user enters all necessary info and successfully creates a property profile	Integration	80%
16	Financial system	Ensure that right condo fee is calculated and displayed to unit owner.	CMC sets condo fees. Upon request condo fees are calculated for a unit. Fees are correctly displayed to unit owner.	Integration	80%
17		Ensure operational budget is correct.	Operational budget is displayed	Unit	80%
18		Ensure operational budget is updated with the entering of costs by CMCs.	CMC adds a cost. Operational budget is updated correctly .	Unit	80%
20		Ensure CMCs can record operational budgets and then generate a financial report	CMC updates operational budgets. CMC requests for annual report.	Integration	80%

			Annual report is generated.		
21	Reservation System	Ensure reservation can be made	User enters necessary information for reservation	Integration	80%
22					
23					
24	Employee Role Management system	Ensure employee type can be chosen and saved	User chooses a valid employee type	Unit	80%
25					
26					
27	Notification page	Ensure notifications are sent and received	User gets a notification	Unit	80%