

Testing plan Sprint 5

The testing plan for Sprint 5 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 5. 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 5 is the following:

Test #	Test name	Purpose of test	Expected results	Type	Metrics & coverage [stmts]
1	Condo Owner's Dashboard	Ensure right profile information is displayed in dashboard	Profile information is valid	Unit	80%
2		Ensure status of submitted requests is right	Submitted status is valid	Unit	80%
3	Condo management company profile	Ensure that the property profile has the correct information.	Property profile stored in database is valid.	Unit	80%
4	Financial system	Ensure operational budget is correct.	Operational budget is displayed	Unit	80%
5		Ensure operational budget is updated with the entering of costs by CMCs.	CMC adds a cost. Operational budget is updated correctly .	Unit	80%
6		Ensure CMCs can record operational budgets and then generate a financial report	CMC updates operational budgets. CMC requests for annual report. Annual report is generated.	Integration	80%
7	Request and customer support system	Ensure different type request can be created	Request type can be created and chat is started	Integration	80%
8	Reservation System	Ensure reservation can be made	User enters necessary	Integration	80%

			information for reservation		
9		Ensure User can make a reservation	User enters information and makes a reservation successfully	Acceptance	-%
10	Employee Role Management system	Ensure employee type can be chosen and saved	User choses a valid employee type	Unit	80%
11		Ensure employee type can be chosen and saved	User chooses employee type and sees employee interface	Integration	80%
12	Notification page	Ensure notifications are sent and received	User gets a notification	Unit	80%
13		Ensure user will receive a notification	User receives notification from specific action	Integration	80%
14		Ensure user will receive a notification	User receives notification from specific action	Acceptance	-
	Testing below includes all extra features.				
15	Forum	Ensure user can send/receive messages	Message is posted/received	Unit	80%
16		Ensure two users can communicate	Users can send and read messages	Integration	80%
17		Ensure two users can communicate	Users can send and read messages	Acceptance	-
18	Event Page	Ensure events are posted	Created event is posted successfully	Unit	80%
19		Event can be reserved/modified	Event is correctly reserved/modified	Unit	80%
20		Ensure user can reserve an event	Existing event is reserved	Integration	80%
21		Ensure user can create/modify an event	Event is created/modified	Integration	80%
22		Ensure user can reserve an event	User successfully reserves an event	Acceptance	-

23		Ensure can create an event	User successfully creates and gives necessary information for event	Acceptance	-
24	Discounts and offers	Ensure discounts page displays vouchers	Discount page receives and displays vouchers	Unit	80%
25		Ensure voucher can be used	Voucher is claimed and can be used in financial part	Integration	80%
26		Ensure user can use a voucher	User claims and uses a voucher successfully	Acceptance	-

* It is important to note that we will be focusing on our main features and it is possible we may not have to time to implement many extra features.