

# Testing plan Sprint 2

The testing plan for sprint two will focus on the User stories we have planned for sprint 2. We plan to use jest for unit tests and cypress for integration testing. For our testing approach, we plan to be proactive because we are aware 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 two is the following:

Test #	Test name	Purpose of test	Expected results	Type	Metrics & coverage
1	Unique profile validation	Ensure that the unique username with password can log in	Username and password are accepted.	Unit	80%
2		Ensure user is able to log in with credentials	User logs in successfully	Acceptance	-
3	Condo Owner's Dashboard	Ensure right profile information is displayed in dashboard	Information on dashboard matches information on database.	Unit	80%
4		Ensure that the information on the overview of properties is correct.	Information on dashboard matches information on database.	Unit	80%
5		Ensure that the remaining balance is correct	balance on dashboard matches balance on database.	Unit	80%
6		Ensure status of submitted requests is right	Status of request on dashboard matches status in database	Unit	80%

7		Ensure that a condo owner registers/updates their information and it is correctly displayed.	User register and enters all their information. User enters a property. User is able to see all their information displayed on dashboard.	Integration	80%
8	Condo management company profile	Ensure that the property profile has the correct information.	Property profile matches the property profile in database.	Unit	80%
9		Ensure that condo files can be uploaded	File is uploaded and in right format (pdf)	Unit	80%
10		Ensure detailed information on condo units in the company profile is correct	Detailed info in company profile matches info in database	Unit	80%
11		Ensure registration key is created and valid	Key is created and is successfully linked to a condo-profile	Unit	80%
12		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	-
13	Financial system	Ensure CMCs can enter condo fees.	Condo fees match the fees on the database	Unit	80%

14	Ensure condo fees are correctly calculated and displayed to unit owners.	Condo fees displayed to user match the condo fee on database.	Unit	80%
15	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%
16	Ensure operational budget is correct.	Operational budget amount matches the amount on the database	Unit	80%
17	Ensure operational budget is updated with the entering of costs by CMCs.	CMC adds a cost. Operational budget is updated correctly in database	Unit	80%
18	Ensure financial system generates annual reports	Sum of collected fees for given year is correct and matches database contents.	Unit	80%
19	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%