Testing plan Sprint 3

The testing plan for Sprint 3 will focus on the User stories we have planned for Sprint 3. 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 3 is the following:

Test #	Test name	Purpose of test	Expected results	Type	Metrics & coverage
1	Reservation System	Ensure that the facilities are correctly set up.	Facility is added and correctly displayed	Unit	80%
2		Ensure reservations are recorded	Reservation is stored correctly	Unit	80%
3		Ensure first come first serve functionality	Trying to add a reservation after is has already been reserved fails.	Unit	80%
4		Ensure that the availabilities are displayed.	Availabilities are correctly displayed	Unit	80%
5		Ensure that you can create a reservation	Reservation is created	Integration	80%

6	Employee Role Management System	Ensure that the different roles can be chosen	Role is associated to user correctly	Unit	80%
7					
8	Request Management System	Ensure the employee is assigned to request	Employee is assigned to request	Unit	80%
9		Ensure a request can be created	Request is created	Integration	80%