

PRODUCT BACKLOG

REQUIREMENT	DESCRIPTION	USER STORIES	USER ACCEPTANCE TEST	SPRINT #
User Verification	A 3rd party identity provider should be used. 3 roles: Resident, Facility Staff, Admin			
		As a system administrator, I want to securely log into my account so that I can manage users and oversee facility operations	Given that I am a system administrator , when I login securely, then I can manage manage users and the facility operations.	1
		As a resident, I want to register a new account, so that I can access and use the features of the website.	Given that I am a resident with a google a/c, when I register then I can access features of this site	1
		As a resident, I want to log into my account, so that I can make bookings, report issues and receive notifications	Given that I am a resident and I have registered an account, when I sign in I am taken to my dashboard and I can make bookings, report any issues and receive notifications.	1
		As a staff member, I want to register a new account, so that I can access and use the features of the website	Given that I am a staff member with a google a/c, when I register then I can access and use features of this site.	1
		As a staff member, I want to log into my account, so that I can manage facility-related tasks assigned to my role	Given that I am a staff member, when I login into my account, then I can access the tasks assigned to my role and manage them.	1
User Management	Admins should be able to manage users – onboard members, revoke access, assign roles, etc.			
		As a system administrator, I want to onboard users, so they have full access to the relevant website features	Given that I am a system administrator, when I onboard a user, then they have full access to the relevant website features.	2
		As a system administrator, I want to assign roles such as resident or staff to users, so that they have access to the appropriate features and permissions within the platform	Given that I am logged in as a systems administrator and I am on the user management page, when I select a user from the list , then I can assign a role to the user.	2
		As a system administrator, I want to remove staff members from the website, so that they no longer have access to the website's features	Given that I am a system administrator, when I remove a staff member, then they are blocked from using the website's features.	2
		As a system administrator, I want to remove residents from the website, so that they no longer have access to the website's features	Given that I am a system administrator, when I remove a resident, then they are blocked from using the website's features.	2

Booking System	Residents should be able to reserve sports facilities for specific time slots. Admins can approve/block bookings as needed			
		As a resident, I want to book a facility so that I can have exclusive access to it	Given that I am a resident and the facility is available for booking, when I make a booking, then I am allocated to the facility.	2
		As a resident, I want to cancel a booking as I no longer need it	Given that I am a resident and I have already booked a facility, when I cancel my booking, then the facility becomes available for new booking.	2
		As a system administrator, I want to block bookings, so that the facility becomes available	Given that I am a system administrator and that a resident has booked a facility, when I block the booking, then the facility that was booked becomes available for new bookings.	2
		As a system administrator, I want to approve bookings, so that residents have access to the facility	Given that I am a system administrator, when a resident makes a booking, then I can approve the booking so that the resident can access to the facility.	2
Maintenance Reporting	Users should be able to report facility issues. Facility staff should update status and provide feedback.			
		As a resident, I want to report issues with facilities so that staff can tend to them.	Given that I have been approved as a resident, when I report issues with a facility, then the staff is notified and can then tend to the issues.	3
		As a system administrator, I want to assign reports to staff members so that they can tend to them.	Given that I am a system administrator, when I assign reports to staff members, then the respective staff member can tend to the issue assigned to them.	3
		As a staff member, I want to be notified when issues are assigned to me, so that I can tend to them.	Given that I am staff member, when issues are assigned to me, then I am notified and can tend to the issue.	3
		As a staff member, I want to update the status of a facility so that the system administrator can track progress.	Given that I am a staff member, when I update the status of a facility, then the system administrator can track the maintenance progress of that facility.	3
Events & Notifications	Admins should be able to create events (e.g., tournaments). Users should receive notifications about upcoming events and maintenance closures			

		As a system administrator, I want to create events so that residents can be notified.	Given that I am a system administrator, when I create events, then the residents are notified about upcoming events.	3
		As a resident, I want to receive notifications about upcoming events, so that I can participate.	Given that I am a resident, when an event is created, then I receive a notification and I can then participate in the event.	3
		As a resident, I want to receive notifications about maintenance closures, so that I can plan accordingly.	Given that I am a resident, when a facility is under maintenance, then I receive a notification and I can plan accordingly.	3
Reporting	At least 3 dashboard reports: Usage trends by facility, maintenance reports (open vs closed), custom view. Reports should be exportable as CSV or PDFs			
		As a system administrator, I want to track the performance of maintenance staff so that I can manage them.	Given that I am a system administrator, when I go to the maintenance page then I can track the performance of maintenance staff and manage them.	4
		As a system administrator, I want to generate key reports with flexible filters to analyse them over different periods.	Given that I am a system administrator, when I access the dashboard and select the generate report option then I can generate key reports with flexible filters to analyse them over different periods.	4
		As a system administrator, I want to export dashboard reports as PDFs so that I can store, share, and print them.	Given that I am a system administrator, when I access the reports dashboard then I can export the reports as PDF to store, share and print them.	4
		As a system administrator, I want to access a dashboard to see usage trends, maintenance reports, and a custom view.	Given that I am a system administrator, when I access the dashboard then I can see usage trends, maintenance reports and a custom view.	4
Weather	Notify users of weather conditions affecting outdoor facilities.			
		As a system administrator, I want to see the weather when I create an event, so that I can plan accordingly	Given that I am a system administrator, when I access my home page, then I will be informed of the current weather	4
		As a s resident I want to see the weather when I make a booking, so that I can plan accordingly	Given that I am a resident, when I make access my home page, then I will be informed of the current weather	4