

ORGANISING YOUR CODE REVIEW (A FEW DAYS/HOURS BEFORE MEETING)								
Name and local of artifact (on Github) to be reviewed:			COMP90082-2023-SM2/AQ-Redback/tree/main/src/AquaTerra/AquaTerra					
What to be reviewed?			All files					
When's the code review meeting happening:			17/09/2023					
Reviewers:			Yunqing Yu, Bowei Huang, You Zhou, Jiakang Li					
CODE REVIEW MEETING (STARTING THE MEETING)								
Team:	AQ-Redback							
Date:	<17/09/23>							
Time:	<14:00:00>							
Facilitator:	Yilin Liu							
Reviewers:	Yunqing Yu, Bowei Huang, You Zhou, Jiakang Li							
CODE REVIEW (DURING MEETING TIME)								
Item	Artifact (on GitHub)	Phase	Location (where the issue was found in the reviewed artifact?)	Severity	Type	Defects Category	Description	Fixed by the author?
1	AquaTerra/views/LoginView	Tests	struct LoginView	Trivial	Improvement	Interface Defect	No notification or error message present when incorrect password is entered	No
2	AquaTerra/views/SessionView	Development	struct SessionView	Medium	Issue	Logic Defects (C	The three main tabs: Dashboard, Management and Profile do not have a flat hierachy which needed to be fixed	Yes
3	AquaTerra/views/SensorMapView	Development	struct SMapView: UIViewRepresentable	High	Issue	Interface Defect	The map not showing current sensor's coordinate	Yes
4	AquaTerra/views/SensorMapView	Tests	struct SMapView: UIViewRepresentable	Medium	Issue	Interface Defect	The map view does not always centering the current sensor coordinate	Yes
5	AquaTerra/views/SensorMapView	Tests	struct SMapView: UIViewRepresentable	Trivial	Issue	Interface Defect	The annotation point on the map sometimes have duplicate when the map view is enlarged	No
6	AquaTerra/views/SensorEditView	Development	struct SensorEditView	High	Issue	Logic Defects (P	The longitude and latitude of the sensor are unable to change	Yes
7	AquaTerra/views/SensorListView	Development	struct SensorListView	High	Issue	Logic Defects (P	When clicking on the "Back" button, sometimes the view may navigate back twice. There are some navigation hierachy issues	Yes
9	AquaTerra/AquaTerra/MainTab/Views/MGateway/ViewModels	Development	Request error handling	Trivial	Improvement	Interface Defect	Consider introducing better error handling mechanisms when errors occur	No
8	AquaTerra/AquaTerra/MainTab/Views/MGateway/MGGatewaysView	Tests	Navigation component	Trivial	Improvement	Structure Defec	In iOS 16.0, the `init(_:_destination:isActive:)` method has been deprecated	No
10	AquaTerra/AquaTerra/Views/Farm&Fields/ViewModels/FarmsViewModel	Development	registerField	High	Improvement	Logic Defects (C	It is not determined how to register a field when a farm does not exist	Yes
11	AquaTerra/AquaTerra/Views/Farm&Fields/ViewModels/FarmsNetwork	Development	registerFarm	High	Issue	Structure Defec	Add field interface error	Yes
12	AquaTerra/AquaTerra/Views/Farm&Fields/ViewModels/FarmsViewModel	Development	registerField	Medium	Improvement	Logic Defects (P	After successful registration, clear the text box content on the registration page.	Yes
13	AquaTerra/AquaTerra/Views/Farm&Fields/ViewModels/FarmsViewModel	Tests	registerField	Trivial	Improvement	Documentation	Duplicate code snippets	No
14	AquaTerra/AquaTerra/Views/Farm&Fields/ViewModels/FarmsViewModel	N/A	general	Trivial	Improvement	Documentation	FarmRequestCompleteBlock is best renamed to FarmRequestCompletionBlock.	No
END OF CODE REVIEW MEETING								
Number of high errors:			5					

Number of medium errors:		3
Number of trivial errors:		6
Total inspection time (hs):	120 min	

Verified by the Moderator?

No

Yes

Yes

Yes

No

Yes

Yes

No

No

Yes

Yes

Yes

No

No

Severity

Phase

Issue type

Fixed

Verified

Defects C

High

Planning

Issue

Yes

Yes

Document

Medium

Requirements

Investigate

No

No

Document

Trivial

Analysis

Improvement

Rejected

Rejected

Visual Rep

Development

Visual Rep

Tests

Visual Rep

NA

Structure

Implantation

Structure

New Func

Resource I

Resource I

Check Def

Interface I

Logic Defe

Logic Defe

