CR Review
Requirements Traceability Matrix

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History Revision:

Revision Date	Person Responsible	Version Number	Modification
11/17/2019	JV Afable	1.0	Initial Document
11/19/2019	JP Chanchico	2.0	Added Use Cases; Added test cases for UC1.2;
11/20/2019	JV Afable	2.1	Added Scenarios for UC4.0
11/20/2019	JV Afable	3.0	Added test cases fir UC4.0
11/20/2019	Lance Lim	4.0	Added Use Cases; Added test cases for UC1.1.

Use Case No.	Description
UC1.1	Add CR Record
UC1.2	Add CR Review
UC4.0	View CR Map

Use Case No.	Scenario No.	RTM ID	Scenario Description	Priority Status
UC1.1	S1	UC1.1-S1	CR Record already exists (Similar record exists).	Must Have
UC1.1	S2	UC1.1-S2	CR Location added does not exist in the map.	Should Have
UC1.1	S3	UC1.1-S3	Add CR Record with available Facilities	Must Have
UC1.1	S4	UC1.1-S4	Add CR Record without available Facilities	Must Have
UC1.1	S5	UC1.1-S5	No input for location and/or gender	Must Have
UC1.1	S6	UC1.1-S6	Added CR Record successfully	Must Have
UC1.1	S7	UC1.1-S7	No database connection	Should Have
UC1.2	S1	UC1.2-S2	No text is entered as review.	Should Have
UC1.2	S2	UC1.2-S3	No database connection.	Must Have
UC1.2	S3	UC1.2-S4	Submitted review successfully.	Must Have
UC1.2	S4	-	No rating submitted.	Must Have
UC4.0	S1	UC4-S1	API/Module is unresponsive	Must Have
UC4.0	S2	UC4-S2	No database connection	Should Have
UC4.0	S3	UC4-S3	Map is not loading properly	Must Have
UC4.0	S4	UC4-S4	Location markers not showing	Must Have
UC4.0	S5	UC4-S5	Map and location markers loaded successfully	Must Have
UC4.0	S6	UC4-S7	Filter is applied	Must Have
UC4.0	S7	UC4-S8	Locations markers overlap	Should Have
UC4.0	S8	UC4-S9	Map view goes outside UP Diliman	Should Have

Use Case No.	Scenario No.	RTM ID	Scenario Description	Location	Floor Number	Gender	Available Facilities	Connected to database	CR Record already exists in database	Expected Results
UC1.1	S1	UC1.1-S1	CR Record already exists (Similar record exists).	"AECH P Velasquez"	2nd	Male	[Toilet]	Yes	Yes	Error Message: CR Record already exists.
UC1.1	S2	UC1.1-S2	CR Location added does not exist in the map.	"California"	70th	Female	[Toilet]	Yes	No	Error Message: Location does not exist in the map.
UC1.1	S3	UC1.1-S3	Add CR Record with available Facilities	"AECH P Velasquez"	1st	Male	[Bidet, Toilet]	Yes	No	Confirmation Message: CR added successfully.
UC1.1	S4	UC1.1-S4	Add CR Record without available Facilities	"AECH P Velasquez"	1st	Male	-	Yes	No	Confirmation Message: CR added successfully.
UC1.1	S5	UC1.1-S5	No input for location and/or gender	"AECH P Velasquez"	1st	-	[Bidet, Toilet]	Yes	No	Error Message: No gender specified.
UC1.1	S5	UC1.1-S5	No input for location and/or gender	-	1st	Female	[Bidet, Toilet]	Yes	No	Error Message: No Location specified.
UC1.1	S5	UC1.1-S5	No input for location and/or gender	-	1st	-	[Bidet, Toilet]	Yes	No	Error Message: No Location and gender specified.
UC1.1	S6	UC1.1-S6	Added CR Record successfully	"AECH P Velasquez"	1st	Male	[Bidet, Toilet]	Yes	No	Confirmation Message: CR added successfully.
UC1.1	S7	UC1.1-S7	No database connection	-	-	-	-	No	-	Error Message: Could not connect to database.

Use Case No.	Scenario No.	RTM ID	Scenario Description	Review Text	Rating 1	Rating 2	Rating 3	Database connection active	Expected Results
UC1.2	S1	UC1.2-S2	No text is entered as review.	-	1	2	3	Yes	Review submitted successfully
UC1.2	S2	UC1.2-S3	No database connection.	"CR is so mabaho"	0	1	0	No	Error Message: No database connection.
UC1.2	S3	UC1.2-S4	Submitted review successfully.	"Has bidet, flowing water, clean smell and ambiance. 10/10 would recommend."	3	3	3	Yes	Review submitted successfully
UC1.2	S4	-	No rating submitted.	"Nice"	-	-	-	Yes	Error Message: Please add a rating.

Use Case No.	Scenario No.	RTM ID	Scenario Description	View is within UP Diliman	Filter On	Markers are displayed	Map is displayed	Database connection active	API responsive	Expected Results
UC4.0	S1	UC4-S1	API/Module is unresponsive	-	-	-	-	Yes	No	Error Message: Timeout
UC4.0	S2	UC4-S2	No database connection	-	-	-	-	No	Yes	Error Message: Timeout
UC4.0	S3	UC4-S3	Map is not loading properly	-	-	-	No	Yes	Yes	Error Message: Problem loading map
UC4.0	S4	UC4-S4	Location markers not showing	Yes	No	No	Yes	Yes	Yes	Error Message: Problem loading markers
UC4.0	S5	UC4-S5	Map and location markers loaded successfully	Yes	No	Yes	Yes	Yes	Yes	Map should display with markers
UC4.0	S6	UC4-S7	Filter is applied	Yes	Yes	Yes	Yes	Yes	Yes	Map with filtered markers should display
UC4.0	S7	UC4-S8	Locations markers overlap	Yes	No	Yes	Yes	Yes	Yes	Markers should stack
UC4.0	S8	UC4-S9	Map view goes outside UP Diliman	No	No	Yes	Yes	Yes	Yes	Blank map