

GetUP
Test Case Design

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History Revision:

Revision Date	Person Responsible	Version Number	Modification
11/13/19	Gab Datiles	1.0	Initial Draft
11/17/19	Gab Datiles	2.0	Added Content from RTM, filled Use Case 3 and 4
11/19/19	Jian Chan	3.0	Filled details and expected results for Use Case 1 and 2
11/19/19	Hans Santos	4.0	Proofread Content

Use Case

Use Case No.	Description
UC1.0	Maintain Reviews
UC1.1	Add Review
UC1.2	Delete Review
UC2.0	Maintain Workouts
UC2.1	Add Workout Suggestion
UC2.2	Add Workout
UC2.3	Delete Workout
UC2.4	Edit Workout
UC3.0	View Workout

Use Case No.	Scenario No.	RTM ID	Scenario Description	Priority Status (MoSCoW)
UC1.0	S1	UC1.0-S1	No existing reviews (Only adding is available)	Should Have
UC1.0	S2	UC1.0-S2	Workout with existing reviews is deleted	Could Have
UC1.0	S3	UC1.0-S3	Author of review no longer exist	Could Have
UC1.0	S4	UC1.0-S4	Server timed out (No Response)	Could Have
UC1.0	S5	UC1.0-S5	No database connection	Should Have
UC1.1	S1	UC1.1-S1	Successful Add Review	Must Have
UC1.1	S2	UC1.1-S2	Invalid: Workout does not exist	Must Have
UC1.1	S3	UC1.1-S3	Invalid: Review body is empty	Must Have
UC1.1	S4	UC1.1-S4	Invalid: Review rating is empty	Should Have
UC1.1	S5	UC1.1-S5	No database connection	Should Have
UC1.2	S1	UC1.2-S1	Successful Delete Review	Must Have
UC1.2	S2	UC1.2-S2	Invalid: Review does not exist	Must Have
UC1.2	S3	UC1.2-S3	Invalid: Workout does not exist	Must Have
UC1.2	S4	UC1.2-S4	Invalid: Review is not User's own review	Must Have
UC1.2	S5	UC1.2-S5	No database connection	Should Have
UC2.0	S1	UC2.0-S1	No existing workouts (Only adding is available)	Should Have
UC2.0	S2	UC2.0-S2	Author of workout no longer exists	Could Have
UC2.0	S3	UC2.0-S3	Server timed out (No Response)	Could Have
UC2.0	S4	UC2.0-S4	No database connection	Should Have
UC2.1	S1	UC2.1-S1	Successful Add Workout Suggestion with complete information	Must Have
UC2.1	S2	UC2.1-S2	Successful Add Workout Suggestion with incomplete information	Must Have
UC2.1	S3	UC2.1-S3	Invalid: Similar suggestion exists (same information)	Could Have
UC2.1	S4	UC2.1-S4	No database connection	Should Have
UC2.2	S1	UC2.2-S1	Successful Add Workout	Must Have
UC2.2	S2	UC2.2-S2	Invalid: Workout already exists	Must Have
UC2.2	S3	UC2.2-S3	Invalid: Information incomplete	Should Have
UC2.2	S4	UC2.2-S4	Invalid: User not authorized to add workout	Should Have
UC2.2	S5	UC2.2-S5	No database connection	Should Have
UC2.3	S1	UC2.3-S1	Successful Delete Workout	Must Have
UC2.3	S2	UC2.3-S2	Invalid: User not authorized to delete	Should Have

Scenarios

UC2.3	S3	UC2.3-S3	Invalid: Workout does not exist	Must Have
UC2.3	S4	UC2.3-S4	No database connection	Should Have
UC2.4	S1	UC2.4-S1	Succesful Edit Workout	Must Have
UC2.4	S2	UC2.4-S2	Invalid: Workout does not exist	Must Have
UC2.4	S3	UC2.4-S3	Invalid: Information incomplete	Should Have
UC2.4	S4	UC2.4-S4	No database connection	Should Have
UC3.0	S1	UC3.0-S1	Successful view workout	Must Have
UC3.0	S2	UC3.0-S2	Invalid: Workout does not exist	Must Have
UC3.0	S3	UC3.0-S3	Invalid: Workout status is not approved	Must Have
UC3.0	S4	UC3.0-S4	No database connection	Must Have

UC1.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	Review Record	Workout Exists and is Approved	Review Exists in System	Database connection active
UC1.0	S1	UC1.0-S1	No existing reviews (Only adding is available)	N/A	Yes	No	Yes
UC1.0	S2	UC1.0-S2	Workout with existing reviews is deleted	N/A	Yes	Yes	Yes
UC1.0	S3	UC1.0-S3	Author Account of review is deleted	N/A	Yes	Yes	Yes
UC1.0	S4	UC1.0-S4	Server timed out (No Response)	N/A	Yes	Yes/No	Yes
UC1.0	S5	UC1.0-S5	No database connection	N/A	Yes/No	Yes/No	No
				Awesome Workout! 4/5 user1 workout3			
UC1.1	S1	UC1.1-S1	Successful Add Review		Yes	N/A	Yes
UC1.1	S2	UC1.1-S2	Invalid: Workout does not exist	Workout can't be found	No	N/A	Yes
UC1.1	S3	UC1.1-S3	Invalid: Review body is empty	No body	Yes	N/A	Yes
UC1.1	S4	UC1.1-S4	Invalid: Review rating is empty	No rating	Yes	N/A	Yes
				Awesome Workout! 4/5 user1 workout3			
UC1.1	S5	UC1.1-S5	No database connection		Yes/No	N/A	No
UC1.2	S1	UC1.2-S1	Successful Delete Review	Review r	Yes	Yes	Yes
UC1.2	S2	UC1.2-S2	Invalid: Review does not exist	Deleted review	Yes	No	Yes
UC1.2	S3	UC1.2-S3	Invalid: Workout does not exist	Review of deleted workout	No	Yes	Yes
UC1.2	S4	UC1.2-S4	Invalid: Review is not User's own review	Review r	Yes	Yes	Yes
UC1.2	S5	UC1.2-S5	No database connection	Review r	Yes/No	Yes/No	No

Expected Results
Only add review option will be displayed
Confirm Message: Reviews of this workout will also be deleted
Confirm Message: Reviews of this account will also be deleted
Error Message: Server Error
Error Message: Database Timeout
Review will be displayed
Error Message: Workout does not Exist
Error Message: Invalid Review Body
Error Message: Invalid Review Rating
Error Message: Database Timeout
Workout with updated reviews will be displayed
Error Message: Review does not Exist
Error Message: Workout of specified Review does not Exist
Error Message: Invalid Account to delete specified review
Error Message: Database Timeout

UC2.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	Workout Record	Workout Exists in System	User is Admin
UC2.0	S1	UC2.0-S1	No existing workouts (Only adding is available)	N/A	No	No
UC2.0	S2	UC2.0-S2	Author of workout is deleted		Yes	Yes
UC2.0	S3	UC2.0-S3	Server timed out (No Response)	N/A	Yes	Yes/No
UC2.0	S4	UC2.0-S4	No database connection	N/A	Yes/No	Yes/No
				UP Oval Workout UPD Acad Oval 1 or more people No extra materials		
UC2.1	S1	UC2.1-S1	Successful Add Workout Suggestion with complete information	5:00am-7:00am, 4:00pm-6pm	No	Yes/No
UC2.1	S2	UC2.1-S2	Successful Add Workout Suggestion with incomplete information	Missing best times for workout UP Oval Workout UPD Acad Oval 1 or more people No extra materials	No	Yes/No
				5:00am-7:00am, 4:00pm-6pm	Yes	Yes/No
UC2.1	S3	UC2.1-S3	Invalid: Similar suggestion/workout exists (same information)	Workout w	Yes/No	Yes/No
UC2.1	S4	UC2.1-S4	No database connection			
				UP Oval Workout UPD Acad Oval 1 or more people No extra materials		
UC2.2	S1	UC2.2-S1	Successful Add Workout	5:00am-7:00am, 4:00pm-6pm UP Oval Workout UPD Acad Oval 1 or more people No extra materials	No	Yes
				5:00am-7:00am, 4:00pm-6pm	Yes	Yes
UC2.2	S2	UC2.2-S2	Invalid: Workout already exists	Missing Location	Yes/No	Yes
UC2.2	S3	UC2.2-S3	Invalid: Information incomplete	Workout w	Yes/No	No
UC2.2	S4	UC2.2-S4	Invalid: User not authorized to add workout	Workout w	Yes/No	Yes/No
UC2.2	S5	UC2.2-S5	No database connection			
				UP Oval Workout UPD Acad Oval 1 or more people No extra materials		
UC2.3	S1	UC2.3-S1	Successful Delete Workout	Workout w	Yes	Yes
UC2.3	S2	UC2.3-S2	Invalid: User not authorized to delete	Workout w	Yes	No
UC2.3	S3	UC2.3-S3	Invalid: Workout does not exist	Workout w	No	Yes
UC2.3	S4	UC2.3-S4	No database connection	Workout w	Yes/No	Yes/No
				UP Oval Workout UPD Acad Oval 1 or more people No extra materials		
UC2.4	S1	UC2.4-S1	Successful Edit Workout	Workout w	Yes	Yes
UC2.4	S2	UC2.4-S2	Invalid: Workout does not exist	Workout w	No	Yes

UC2.0 UAT

UC2.4	S3	UC2.4-S3	Invalid: Information incomplete	Missing Location	Yes	Yes
UC2.4	S4	UC2.4-S4	No database connection	Missing Location	Yes/No	Yes/No

Database connection active	Expected Results
Yes	Only add workout option will be displayed
Yes	Confirm Message: Workouts made by this account will also be deleted
Yes	Error Message: Server Error
No	Error Message: Database Timeout
Yes	Home page will be displayed
Yes	Home page will be displayed
Yes	Error Message: Similar suggestion/workout already exists
No	Error Message: Database Timeout
Yes	Home page will be displayed
Yes	Error Message: Similar workout already exists
Yes	Error Message: Workout has incomplete information
Yes	Error Message: Account not authorized to add workout
No	Error Message: Database Timeout
Yes	Home page will be displayed
Yes	Error Message: Account not authorized to add workout
Yes	Error Message: Workout does not exist
No	Error Message: Database Timeout
Yes	Home page will be displayed
Yes	Error Message: Workout does not exist

Yes	Error Message: Workout has incomplete information
No	Error Message: Database Timeout

UC3.0 UAT

Use Case No.	Scenario No.	RTM ID	Scenario Description	Workout is approved	Workout exists in system	Database connection active	Expected Results
UC3.0	S1	UC3.0-S1	Successful view workout	Yes	Yes	Yes	Workout will be displayed
UC3.0	S2	UC3.0-S2	Invalid: Workout does not exist	No	No	Yes	Error Message: Workout does not exist
UC3.0	S3	UC3.0-S3	Invalid: Workout status is not approved	No	Yes	Yes	Error Message: Workout not yet approved
UC3.0	S4	UC3.0-S4	No database connection	Yes	Yes	No	Error Message: Database Timeout