

Test Video Link

<https://youtu.be/CoQH7vS698c>

Test Plan

Test Number	Test Description	Test Data	Objective Number	Expected Outcome	Time Stamp
1	Attempt to Login	tree, bark	3, 24	Dialog – “Invalid login details”	0:00:22
2	Navigate to create account		1, 26	Create account activity loaded	0:00:51
3	Navigate back to login		26	Login activity loaded	0:00:55
4	Creating an account	email	1, 24	Dialog – “Invalid entries”	0:01:19
5	Select date of birth using dialog	12/05/1990	1, 21	Only a valid date can be selected	0:01:36
6	Creating an account	d	1, 24	Dialog – “Invalid entries”	0:02:54
7	Creating an account	password1, password2	1, 24	Dialog - “Invalid entries”	0:03:22
8	Creating an account	alex.w.goodall@gmail.com	1, 24	Dialog – “Email already in use”	0:03:48
9	Creating an account	admin	1, 24	Dialog – “Username already in use”	0:05:21
10	Creating an account	helloworld, superfire6, superfire6, 005475@britishschool.be , 12/05/1990	1, 24	Account created, edit profile activity launched	0:06:07
11	Navigate back		24	Dialog – “Entries Not Filled”	0:06:57
12	Restarting App		19	Edit profile activity launched	0:07:20
13	Editing Details	Kevin, Johnson, Male, 5000m, 26:80.50	22, 21, 24	View profile activity launched, and details displayed	0:08:04
14	Navigate to edit profile		16, 22, 26	Edit profile launched	0:11:15
15	Navigate back		16, 22, 26	View profile launched	0:11:21
16	Navigate back with entries changed	helloworld6	22, 23, 26	Dialog – “Save Changes?”, edit profile launched	0:11:30
17	Navigate to edit password		17, 26	Edit Password launched	0:12:05
18	Editing password	wrongpassword, superfire5, superfire5	17, 24	Dialog – “Wrong Current Password”	0:12:11
19	Editing password	superfire6,	17, 24	Dialog – “Passwords Don’t Match”	0:12:34

		newpassword1 newpassword2			
21	Editing password	superfire6, superfire5, superfire5	17, 24	Password changed , view profile launched	0:12:59
22	Log out		16	Dialog – “Are you sure you want to logout?”, Login activity launched	0:13:20
23	Navigate to forgot password		26	Forgot password launched	0:13:32
24	Input email	45	2, 24	Dialog – “Invalid email”	0:13:45
25	Input email	005475@dddd d.be	2, 24	Toast – “This E-mail does not own an account”	0:14:03
26	Input email	005475@britis hschool.be	2, 24	Dialog – “Email Sent”, e-mail received	0:14:37
27	Login	helloworld6, superfire5	3, 24	Main page activity launched	0:17:24
28	Navigate to view profile		5, 16, 26	View profile activity launched	0:17:50
29	Navigate back		26	Main page activity launched	0:18:05
30	Restarting app		19	Main page activity launched	0:18:18
31	Navigate to add activity with floating action button		26	Add activity launched	0:19:18
32	Navigate back with entries changed	t	23, 26	Dialog – “Discard Activity?”, main page activity launched	0:19:45
33	Navigate back		26	Main page activity is loaded	0:20:15
34	Change tab	t	26	Entries emptied, layout changed	0:20:30
35	Add completed training	Training, 08/01/2018, Long Run, 5000 Pace: 3:30/km., Good	18, 21, 24	Completed training added, main page activity launched	0:20:48
36	Navigate to activity log		5, 26	Activity log fragment loaded	0:22:59
37	Swipe layout to load		20	Data loaded	0:23:20
38	Navigate to about you		5, 9, 26	About you fragment loaded	0:23:45
39	Navigate to home page		5, 4, 26	Home page fragment loaded	0:24:40
40	Swipe layout to load		20	Data loaded	0:25:05

41	Edit completed training	Training, 08/01/2018, Long Run, 6000 Pace: 3:40/km, Easy	8, 21, 24	Completed training edited, main page activity launched	0:25:20
42	Edit Training set	5000 Pace: 3:40/km	8, 21	Training set edited	0:26:00
43	Delete Training set		8	Training set deleted	0:26:28
44	Delete completed training		8, 23	Completed training removed	0:27:10
45	Press information button		25	Dialog – “Track Trainer will assume you take a 5 minutes rest in between each training set, this allows your heart-rate to return to normal”	0:27:40
46	Add active training	Training, Track, 3x300m Time: 42, Rest: 2:30. 5x400m Time: 1:04, Rest: 2:30.	18, 21, 24	Active training added, main page activity launched	0:28:08
47	Press Add button		24	Toast- “Entry Fields Not Filled”	0:29:00
48	Navigate to active training		5, 26	Active training fragment loaded	0:29:23
49	Swipe layout to load		20	Data loaded	0:29:40
50	Delete active training		6, 23	Active training deleted	0:30:03
51	Replace active training		6, 21, 23, 24	Active training deleted, Training Generator launched	0:31:16
52	Complete active training with button or pop up menu	Challenging	6, 7, 23	Active training completed, completed training added	0:32:50
53	Navigate to personal best activity		5, 13, 26	Personal best predictor activity loaded	0:33:49
54	Predict personal best		15	Dialog – “Insufficient data”	0:34:17
55	Add personal best	3000m Steeple, 11:12.05, 08/01/2018	18, 21, 24	Personal best added, main page activity launched	0:35:00
56	Edit personal best	3000m Steeple, 10:12.05, 02/01/2018	13, 21, 24	Personal best edited, main page activity launched	0:35:50

57	Delete personal best		13, 23	Personal best deleted	0:36:08
58	Predict personal best	3000m Steeple personal best – 10:12.06	15	Dialog - Prediction	0:36:46
59	Predict personal best	3000m Steeple personal best – 10:12.06 10000m personal best – 46:10.05	15	Dialog - Prediction	0:37:45
60	Add race	Race, 08/01/2018, 1500m, 4:43.05	18, 21, 24	Race added, main page activity launched	0:39:43
61	Edit race	Race, 08/01/2018, 1500m, 4:48.72	8, 21, 24	Race edited, main page activity launched	0:41:21
62	Delete race		8, 23	Race deleted	0:42:05
63	Test race-personal best relationship		27	Race and personal best objects interact logically	0:42:05
64	Search in activity log fragment	hello, Training, 3x300m, 5x400m	8	Query filters recyclerview by name and description	0:47:25
65	Search in personal best predictor activity	3000m, 5000, 1000, 100m	14	Query filters recyclerview by distance	0:48:42
66	Navigate to Training generator		5, 26	Training generator activity is launched	0:50:32
67	Press next button		12	Dialog – “Please select a Training Type”	0:51:36
68	Press next button		12	Training generated	0:52:00
69	Press previous button		12	Previous training loaded	0:53:23
70	Press information button		25	Dialog– “Track Trainer will assume you take a 5 minutes rest in between each training set, this allows your heart-rate to return to normal”	0:54:00
71	Navigate back with entries changed	t, Long Run	23, 26	Dialog – “Are you sure you want to leave”	0:54:30
72	Navigate back		26	Main page activity loaded	0:54:43

73	Add active training	Afternoon run, Long Run	22, 23	Dialog – “Are you sure you want to use this training”	0:54:54
74	Test 5 active trainings rule		10, 23	Dialog – “Warning, You cannot have more than 5 Active Trainings at any one time”	0:55:43
75	Test adaptability of training generator and stats optimizer, with respect to difficulty	Long Run, 5000m	11	Stats are optimized accordingly and generated training become more realistic	0:57:27
76	Test adaptability of training generator, with respect to distances generated	Long Run, 5000m	11	5000m become more frequently generated for Long Runs.	1:04:59
77	Select date in add/edit activity	24/01/2018	24	Toast – “This date is in the future”, Date entry unfilled	1:10:41
78	Test average weekly activity calculation	This Week: 7 runs, 35km. 2 Weeks ago: Training8, Long Run, 50 Pace 1:40/km, Hard	9	Average weekly activity is the total activity halved as our first training ever logged was 2 weeks ago	1:11:40