Test Report

Synthesis Assignment Semester 2

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ID	FR	UC	Name	Number of tests	%Passed	Expected Result
TC-01	FR-01	UC-01	Create Tournament	3.	100%	A new tournament is created and saved in the database.
TC-02	FR-01	UC-02	Update Tournament	1	100%	The desired tournament gets updated.
TC-03	FR-01	UC-03	Delete Tournament	4	100%	The desired tournament gets deleted.
TC-04	FR-01	UC-04	View Tournament	8	100%	The View_Tournament form opens with details for the desired tournament.
TC-05	FR-02	UC-01	Register Player(account creation)	28	100%	Player account gets created and saved in the database.
TC-06	FR-02	UC-02	Register Player for tournament	28	100%	Player gets added to the list of participants for the desired tournament.
TC-07	FR-02	UC-03	Exit Tournament	4	100%	Player gets removed from the list of participants for the desired tournament.
TC-08	FR-03	UC-01	Generate Tournament Schedule	10	90%	Tournament schedule gets created based on

						the playing system(Round-Robin). If the number of players registered is odd, x amount of players will have a bye.
TC-09	FR-04	UC-01	Register results of a game	14	100%	The game gets scored based on the selected sport type.
TC-10	FR-05	UC-01	Show results of a tournament	3	66,6%	Game results are displayed in a table along with bronze, silver and gold medals for the players with the highest wins in descending order.
TC-11	FR-07	UC-01	Support multiple sport types	2	100%	A new tournament with the appropriate sport type and scoring system is created and saved to the database.
TC-12	FR-10	UC-01	Generate Player Profile	2	100%	An overview of the player's personal details and their wins, as well as the tournaments they have played in and their scores are all displayed.
TC-13	FR-12	UC-01	Handle Ties	3	66,6%	Upon tournament completion(i.e all games have been scored), any

						players that have an identical amount of wins are tie-handled. This handling is based upon afirst-come first-served basis, where the player who won their games earlier in the tournament will take precedent over the latter player.

Remarks

FR-05, UC-01:

1 test failed due to a logical error in the function which handles the results. Due to the result of this test, the issue is fixed.

FR-12, UC-01:

1 test failed due to a logical error in the function which handles the standings(bronze, silver and gold). Due to the result of this test, the issue is now fixed.