

Test Plan
Synthesis Assignment Semester 2
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Test Cases

ID	FR	UC	Name	Pre-condition	Test Data	Expected Result
TC-01	FR-01	UC-01	Create Tournament	Staff member must be logged in the WinForms application.	Username: Staff1 Password: 12345	A new tournament is created and saved in the database.
TC-02	FR-01	UC-02	Update Tournament	1.Staff member must be logged in the WinForms application. 2. Select a tournament to update.	Username: Staff1 Password: 12345	The desired tournament gets updated.
TC-03	FR-01	UC-03	Delete Tournament	1.Staff member must be logged in the WinForms application. 2. Select a tournament to delete.	Username: Staff1 Password: 12345	The desired tournament gets deleted.
TC-04	FR-01	UC-04	View Tournament	1.Staff member must be logged in the WinForms application. 2. Select a tournament to view.	Username: Staff1 Password: 12345	The View_Tournament form opens with details for the desired tournament.

TC-05	FR-02	UC-01	Register Player(account creation)	None.	None.	Player account gets created and saved in the database.
TC-06	FR-02	UC-02	Register Player for tournament	Player must have a registered account in the website.	Email: test1@gmail.com Pwd: 123	Player gets added to the list of participants for the desired tournament.
TC-07	FR-02	UC-03	Exit Tournament	Player must be registered for that particular tournament	Email: test@gmail.com Pwd: 123	Player gets removed from the list of participants for the desired tournament.
TC-08	FR-03	UC-01	Generate Tournament Schedule	Staff member must be logged in the WinForms application. Selected tournament must have less than max players registered and start date needs to be later than present date.	Username: Staff1 Pwd: 12345	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	Staff member must be logged in the WinForms application. Tournament schedule must be generated.	Username: Staff1 Pwd: 12345	The game gets scored based on the selected sport type.
TC-10	FR-05	UC-01	Show results of a tournament	Player must be logged in the website.	Email: test1@gmail.com Pwd: 123	Game results are displayed in a table along with

				All games of the tournament must be scored.		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	Staff member must be logged in the WinForms application.	Username: Staff1 Pwd:12345	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	Player must be logged in the website. Player must be on the Profile page.	Email: test1@gmail.com Pwd: 123	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	All games of the tournament must be scored.	None.	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 a first-come first-served basis, where the player who won their games earlier in the tournament will take precedent over the latter player.

