

Test Plan

Synthesis assignment

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Test Cases

ID	UC ID	Name	Pre-condition	Test data	Expected result
TC-01	UC-01	Create tournament		Description: Tourney Location: Eindhoven Start date: 22 July 2022 End date: 20 August 2022 Sport: Badminton Tournament System: Round Robin	Successfully created tournament
TC-01 (ERROR-CASE)	UC-01	Create tournament, with end date earlier than start date		Description: Tourney Location: Eindhoven Start date: 22 July 2022 End date: 20 July 2022 Sport: Badminton Tournament System: Round Robin	Error saying that tournament cannot be created with such date
TC-01 (error case)	UC-01	Create tournament, having starting date less than a week		Description: Tourney Location: Eindhoven Start date: 17 July 2022 End date: 20 July 2022 Sport: Badminton Tournament System: Round Robin	Error saying that tournament cannot be created with such date
TC-02	UC-02	Display all tournaments	Create tournament		Successful
TC-03	UC-03	User register in tournament	Create tournament		Successfully register for a tournament
TC-03 (Error-case)	UC-03	User Register for a tournament which is starting in less than 7 days	Create tournament		Successfully display a error message "It is too late to register for this tournament"
TC-04	UC-04	Staff generate schedule	Create tournament &		Successfully generates match pairs which can be displayed in the website

			Min players registered		
TC-04(error-case)	UC-04	Staff generate schedule but tournament doesn't have enough players	Create tournament		Successfully display error message that is impossible to create schedule
TC-05	UC-05	Register match result	Create tournament	Player one result: 21 Player two result: 2	Successfully saves the data to the database
TC-05(error-case)	UC-05	Register match result	Create tournament	Player one result: 20 Player two result: 2	Successfully Displays error that game score is invalid
TC-06	UC-06	Show tournament results	Create tournament, generate schedule		Successfully display schedule of player matches and their play dates
TC-06(error-case)	UC-06	Show tournament results without generating schedule	Create tournament		Successfully display message: "Not schedule generated for this tournament"
TC-07	UC-07	Generate tournament leaderboard	Register user matches		Successfully renders a leaderboard
TC-07(error-case)	UC-08	Generate tournament leaderboard without registered matches	Create tournament		Successfully display message: "Not enough games played, so there is no LEADERBOARD"