

TEST PROJECT IT SOFTWARE SOLUTIONS FOR BUSINESS

WSC2015_TP09_S4_actual

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CONTENTS

Session 4 of this Test Project consists of the following documentation/files:

1. WSC2015_TP09_S4_EN.pdf (Session 4 instructions)

INTRODUCTION

In this session, you will be continuing the development of the Marathon Skills 2015 application, building on what you have already developed. If you did not complete all the deliverables from the previous session, do not finish them now, you have new deliverables to work on.

In this session, you will be allowing public users to see past race results, allowing runners to view the sponsorship they have received and enabling coordinators to view all of the runners they are required to coordinate for Marathon Skills 2015.

INSTRUCTIONS TO THE COMPETITOR

By the end of this session, you will need to have the following deliverables ready to submit so that the Marathon Skills system will be finished on time.

Make sure that you follow the provided style guide throughout all parts of the system.

Make sure that you provide appropriate validation and error messages throughout all parts of the system.

Make sure that all relevant buttons/links are working at the end of the session.

Make sure that you use appropriate naming conventions for all parts of the system as needed.



DELIVERABLES

4.1 CREATE "14. PREVIOUS RACE RESULTS"

Create the window as outlined in "14. Previous race results" in the wireframe.

This window will allow a public user to view results from previous races. The user can filter the results by marathon, event, gender and age category. If their search does not return any results, an appropriate message should be displayed.

The age categories are as follows:

- Under 18
- 18 to 29
- 30 to 39
- 40 to 55
- 56 to 70
- Over 70

Show some summary statistics for all results that match the search/filter criteria:

- Total runners: The total number of runners being displayed.
- Total runners finished: The total number of runners that have a race time recorded.
- Average race time: The average value of all race times.

In the list show every runner that matches the search criteria. The following fields must be displayed:

- Rank: The runner's rank/position for the selected event, gender and age category.
- Race time: The runner's race time for the event shown in hours, minutes and seconds.
- Runner name: The runner's name.
- Country: The runner's country.
- The fastest/shortest race times are awarded the best/lowest rank. E.g. the fastest race time will be given the rank of #1.
- If multiple runners have the same race time, they should be given the same rank, e.g.

RANK	RACE TIME
#1	4h 15m 12s
#2	4h 22m 23s
#2	4h 22m 23s
#4	4h 25m 45s

4.2 CREATE "18. MY SPONSORSHIP"

Create the window as outlined in "18. My sponsorship" in the wireframe.

When a runner is logged into the system, they will be able to view) the sponsorship that they have received for the current marathon. If they do not have any sponsors, an appropriate message should be displayed.

Information about the runner's charity will be displayed: showing the name, logo and description.

The list should show every sponsorship donation that a runner has received. Only the sponsor name and the donation/sponsorship amount need to be listed.

A total donation/sponsorship amount should be shown underneath the list of sponsorship.



4.3 CREATE “22. RUNNER MANAGEMENT”

Create the window as outlined in “22. Runner management” in the wireframe.

When a coordinator is logged in, they will be able to view a list of all of the runners that are registered for the current marathon. The coordinator can filter the runners by registration status and race event, and they can sort by all of the fields of the result table. If their search does not return any results, an appropriate message should be displayed.

The total number of runners being displayed in the list should be displayed above the list.

The first name, last name, email and registration status will be listed for each runner.

When the “Edit” button next to a runner is clicked, load the “23. Manage a runner” form to display further details about the selected runner.

Refer to deliverable 4.4 for information about the “Runner details (CSV)” button.

Refer to deliverable 4.5 for information about the “Email address list” button.

4.4 CREATE EXPORT FEATURE: RUNNER DETAILS

When a user clicks the “Runner details (CSV)” button on the “22. Runner management” window, provide a CSV (comma separated values) data file that contains all required information for all of the runners that are currently displayed in the list.

Prompt the user for a save location for the CSV file.

Supply the following information for each runner:

- First Name
- Last Name
- Email
- Gender
- Country
- Date of Birth
- Registration Status
- Race Events (combined into a single string, separated by commas, e.g. 5km Fun Run, 21km Half Marathon).

Only include information for the runners that match the sort and filter criteria specified by the user in the CSV file



4.5 CREATE EXPORT FEATURE: RUNNER EMAIL ADDRESSES

When a user clicks the “Email address list” button on the “22. Runner management” window, provide a list of runner email addresses that they can copy and paste into an email client.

Show the list of email addresses to the user in a pop-up window, so that the contents can be copied and then pasted into another program.

The email address list should use the following format to display the first name, last name and email:

“First Last” <email@address.com>; “First Last” <email@address.com>;

The email address list should only contain information for the runners that match the sort and filter criteria specified by the user.