ESOF 322: Project 2 - Camp Management System; Test Plan

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Test Plan

This is the Test Plan for the Camp Management System provided. Since there are 13 usecases, we have opted to only write test plans for eight of them; two by each group member. All relevant information about the usecases can be see in appendix A.

Test Suite 1: Messaging System

Name:	
Author:	
Summary:	
Related Requirements:	
Preconditions:	
Test Script/Procedure:	

1. ·

Name:	
Author:	
Summary:	
Related Requirements:	
Preconditions:	
Test Script/Procedure:	

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Test Suite 2: View Camper Information

ID:	TC03
Name:	Search Campers Test
Author:	Megan Steinmasel
Summary:	
Related Requirements:	"View Camper" - Search Campers Use Case
Preconditions:	

1. Camper and parent information is submitted into the system.

2. Camper and parent information is accessible from search.

Test Script/ Procedure:

1. Navigate to search option.

2. Enter search term (this is defined per test) into search bar.

3. Click enter.

Test Data

- Camper: "Max Johnson" with Parent: "Jane Williams".

Test Case #	Test Data	Expected Result	Summary
TC03-01	Camper first name: "Max"	Relevant camper is displayed	Verifies a valid camper's first name is searchable and their information is displayed correctly.
TC03-02	Camper last name: "Johnson"	Relevant camper is displayed	Verifies a valid camper's last name is searchable and their information is displayed correctly.
TC03-03	Camper first and last name: "Max Johnson"	Relevant camper is displayed	Verifies a valid camper's first and last name is searchable and their information is displayed correctly.
TC03-04	Parent first name: "Jane"	Relevant parent is displayed	Verifies a valid parent's first name is searchable and their information is displayed correctly.
TC03-05	Parent last name: "Williams"	Relevant parent is displayed	Verifies a valid parent's last name is searchable and their information is displayed correctly.
TC03-06	Camper first and last name: "Jane Williams"	Relevant parent is displayed	Verifies a valid parent's first and last name is searchable and their information is displayed correctly.
TC03-07	First name: "ffjbvl"	No campers/parents are displayed	Verifies an invalid first name displays no result.
TC03-08	Last name: "cfgkp"	No campers/parents are displayed	Verifies an invalid last name displays no result.
TC03-09	First and last name: "ffjbvl cfgkp"	No campers/parents are displayed	Verifies an invalid first or last name displays no result.

ID:	TC04
Name:	Sort Campers
Author:	Megan Steinmasel
Summary:	
Related Requirements:	"View Camper" - Sort Campers Use Case
Preconditions:	1. Camper and parent information (name, allergies, camp, account balance, age) is submitted into the system. 2. Camper and parent information is accessible for sorting.
Test Script/ Procedure:	1. Navigate to sort option. 2. Select a category of camper information to sort by. 3. Click enter.
Test Data	• A full dichotomy of the following character sets (324 entries total): name → {Alex Doe, Alex Smith} allergies → {None, peanuts, gluten, misc} camp → {Camp 1, Camp 2, Camp 3} account balance → {$0, $0.12, $10} age → {7, 12, 17}

Test Case #	Sort Category	Expected Result	Summary
TC04-01	Name	Campers are sorted alpha-numerically by name	Verifies sorting is valid and completed for the name category.
TC04-02	Allergies	Campers are sorted alpha-numerically by allergies	Verifies sorting is valid and completed for the allergies category.
TC04-03	Camp	Campers are sorted alpha-numerically by camp	Verifies sorting is valid and completed for the camp category.
TC04-04	Account Balance	Campers are sorted numerically by payments	Verifies sorting is valid and completed for the payments category.
TC04-05	Age	Campers are sorted numerically by age	Verifies sorting is valid and completed for the age category.

Test Suite 3: View Schedule

Name:	
Author:	
Summary:	
Related Requirements:	
Preconditions:	
Test Script/Procedure:	

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Name:	
Author:	
Summary:	
Related Requirements:	
Preconditions:	
Test Script/Procedure:	

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Test Suite 4: Attendance Tracking

Name:

Author:

Summary:

Related Requirements:

Preconditions:

Test Script/Procedure:

    1. ·

Name:

Author:

Summary:

Related Requirements:

Preconditions:

Test Script/Procedure:

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A Camp Management System

A.1 User Stories

A.2 Use Cases

Author: Megan Steinmasel

Name:	Search Database
Description:	Search bar scans keywords through the database so the Website User can find a desired query/page.
Related Requirements:	User Story 1
Preconditions:	The user has successfully logged onto the website.
Successful end condition:	Successful display of search bar and successful redirection.
Failed end condition:	Search bar is not displayed or failed redirection.
Actors:	Website User

Basic Flow of Events:

1. Actor types in keywords to the search bar and clicks enter or selects a page to navigate to.

2. Request is processed, and the database is searched.

3. The appropriate query/page is displayed.

Extensions/Exceptional Flow of Events:

1. An error is recognized: the search bar is not displayed and/or failed redirection.

2. Actor is notified of an error.

3. Log data.

4. The Actor is prompted for a refresh of the webpage.

5. When the refresh button is pressed, the system reboots and tries again.