**System Wide Requirements Specification - Appendix A – Tabular Description of Use Cases**

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| Use Case Number | 01 |
| Use Case Code | SCMS-UC-01 |
| Use Case Name | Register |
| Actor(s) | User |
| Pre-Condition | None |
| Post-Condition | Actor registers to system. |
| Main path | 1. Actor opens the main page. 2. Actor clicks “Register” button. 3. System shows a form for registration. 4. Actor enters e-mail, username, password, birthday information. 5. Actor clicks “Okay” button. 6. System shows a message for process validity. |
| Alternative path | 1. If actor enters missing information  * System shows a warning message for missing entry.  1. If a username already taken  * System shows a warning message. * System stays in same form |

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| Use Case Number | 02 |
| Use Case Code | SCMS-UC-02 |
| Use Case Name | Login |
| Actor(s) | User |
| Pre-Condition | Actor registered to system. |
| Post-Condition | Actor entered to system. |
| Main path | 1. Actor opens home page in web application or login screen in android application. 2. Actor enters username and password. 3. Actor clicks “Login” button. 4. System check if user exists and return existence information. |
| Alternative path | 1. If actor enters invalid or incorrect information  * System shows warning message for invalid entry.  1. If actor forgets his/her password and clicks the “Forgot your password?”  * System displays a form. * Actor fills the form. * An activation mail sent to actor. * Actor resets his/her password. |

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| Use Case Number | 03 |
| Use Case Code | SCMS-UC-03 |
| Use Case Name | Logout |
| Actor(s) | Customer/Manager/Owner/Trainer |
| Pre-Condition | Actor is logged in. |
| Post-Condition | The actor logged of the system. |
| Main path | 1. Actor clicks logout button in the application. 2. System shows “Are you sure want to log out?” window and shows “Yes” and “No” buttons. 3. Actor clicks “Yes” button. 4. System closes to the Actor. |
| Alternative path | 1. Actor clicks “No” button in the “Are you sure want to log out?” window.   -System returns to the previously used screen. |

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| Use Case Number | 4 |
| Use Case Code | SCMS-UC-04 |
| Use Case Name | Pay membership fee |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in and is in “My Profile” screen in android application or is in home screen in web application. |
| Post-Condition | Actor is a member of the center. |
| Main path | 1. Actor clicks “Become a member/Renew membership” 2. System loads the data for fee, branch and membership types. 3. System opens a new window and shows the options to actor. 4. Actor chooses an option. 5. System opens a form for online payment information. 6. Actor fills the form. 7. System opens a dialog box summarizing the process that is to be made and asks for actor’s validation. 8. Actor accepts the process. 9. System sends the information to related bank. 10. System takes the verification of the bank. 11. System updates the actor’s data. 12. System opens a new window saying that process is completed successfully. |
| Alternative path | 1. Actor doesn’t choose an option and exits the screen showing membership types.  * System returns the “My Profile” screen.  1. Actor doesn’t fill all the required fields in the form.  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor clicks “Cancel” button in the dialog box shown after the form completion.  * System shows a message saying that the process is canceled. * System returns the “My profile” screen. |

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| Use Case Number | 5 |
| Use Case Code | SCMS-UC-05 |
| Use Case Name | Show User Profile |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in. |
| Post-Condition | Actor sees his/her profile information. |
| Main path | 1. Actor opens the menu in android application. 2. Actor clicks to “My Profile” category. 3. System loads the data for actor’s membership type, its start date, its end date, and actor’s attendance. 4. Actor can see his/her profile information. |
| Alternative path | None |

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| Use Case Number | 5.2 |
| Use Case Code | SCMS-UC-05-2 |
| Use Case Name | Show Joined Courses |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in and actor is in “My Profile” screen in web application. |
| Post-Condition | Actor sees his/her classes. |
| Main path | 1. Actor opens the menu in android application. 2. Actor clicks to “My Classes” category. 3. System loads the data for actor’s joined classes, and his/her attendance. 4. Actor can see his/her classes information. |
| Alternative path | None |

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| Use Case Number | 5.3 |
| Use Case Code | SCMS-UC-05-3 |
| Use Case Name | Show User Schedule |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in and is in “My Profile” screen in web application. |
| Post-Condition | Actor sees his/her schedule. |
| Main path | 1. Actor opens the menu in android application. 2. Actor clicks to “My Schedule” category. 3. System loads the data for actor’s schedule. 4. Actor can see his/her schedule. |
| Alternative path | None |

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| Use Case Number | 5.4 |
| Use Case Code | SCMS-UC-05-4 |
| Use Case Name | Show Nutrition Information |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in. |
| Post-Condition | Actor sees the details of the searched food. |
| Main path | 1. Actor opens the menu. 2. Actor clicks to “Food Plan” category. 3. Actor searches for a food to see the nutritive details of it. 4. System loads the related data. (?????????? Yeterli mi yoksa başka bir webservisten diyelim mi) 5. Actor can see the details. |
| Alternative path | 1. System doesn’t find the searched food because of a typo or lack of information.  * System displays a message that says it is not found. |

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| Use Case Number | 6 |
| Use Case Code | SCMS-UC-06 |
| Use Case Name | View Branch Fullness |
| Actor(s) | Member |
| Pre-Condition | Actor is logged in and is in “My Profile” screen in Android application and home page in web application. |
| Post-Condition | Actor sees his/her own branch fullness ratio. |
| Main path | 1. Actor clicks “Show Fullness” button. 2. System opens a dialog box with cancel option displaying ratio in Android application. System displays the ratio in the button field and disappears after a while in web application. 3. Actor closes the dialog box when s/he is done. |
| Alternative path | None |

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| Use Case Number | 07 |
| Use Case Code | SCMS-UC-07 |
| Use Case Name | Show Special Offer |
| Actor(s) | Customer/Manager/Owner/Trainer |
| Pre-Condition | Actor is logged in. |
| Post-Condition | System shows special offers to member. |
| Main path | 1. Actor clicks “Special Offers” button. 2. System displays the branch selection screen. 3. Actor selects own branch name. 4. System shows all special offers according to branch in a screen. |
| Alternative path | None |

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| Use Case Number | 08 |
| Use Case Code | SCMS-UC-08 |
| Use Case Name | Apply Special Offer |
| Actor(s) | Member |
| Pre-Condition | Actor is logged in and in special offer screen currently. |
| Post-Condition | In the system, a special offer has been defined for the member. |
| Main path | 1. Actor clicks “Apply Offer” button in the screen that shows special offers. 2. System shows detailed information about offer to member. 3. Actors clicks “Confirm and Apply” button. 4. System shows “Are you sure” dialog screen with “Yes” and “No” buttons. 5. Actor clicks “Yes” button. 6. System shows feedback message to member. 7. System saves the member to the campaign. |
| Alternative path | 1. Actor clicks “Cancel” button.  * System aborts the applying operation and returns to the main screen.  1. Actor clicks “No” button in the “Are you sure” screen.  * System aborts the applying operation and returns to the “Special Offers” screen. |

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| Use Case Number | 09 |
| Use Case Code | SCMS-UC-09 |
| Use Case Name | Show general information about sports center |
| Actor(s) | User |
| Pre-Condition | Actor opened the application. |
| Post-Condition | System show general information to the user |
| Main path | 1. Actor opens the application. 2. System displays welcome screen with “Login”, “Signup” buttons and promotion images. 3. System shows some information about Sport Center such as fees, contact information. |
| Alternative path | None. |

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| Use Case Number | 10 |
| Use Case Code | SCMS-UC-10 |
| Use Case Name | Upgrade Membership Statue |
| Actor(s) | Customer |
| Pre-Condition | Actor is logged in and is in “My Profile” screen. |
| Post-Condition | Actor upgrades his/her membership. |
| Main path | 1. Actor clicks the button “Upgrade Membership”. 2. System loads his/her options and their fees. 3. Actor chooses an option. 4. System opens a form for online payment information. 5. Actor fills the form. 6. System opens a dialog box summarizing the process that is to be made and asks for actor’s validation. 7. Actor accepts the process. 8. System sends the information to related bank. 9. System takes the verification of the bank. 10. System updates the actor’s data. 11. System opens a new window saying that process is completed successfully. |
| Alternative path | 1. Actor is already a premium member and can’t make any upgrade.  * System displays a message that says s/he is already a premium member and cannot make any upgrade.  1. Actor doesn’t choose an option and exits the screen showing membership upgrades.  * System returns the “My Profile” screen.  1. Actor doesn’t fill all the required fields in the form.  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor clicks “Cancel” button in the dialog box shown after the form completion.  * System shows a message saying that the process is canceled. * System returns the “My profile” screen. |

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| Use Case Number | 11 |
| Use Case Code | SCMS-UC-11 |
| Use Case Name | Show All Courses |
| Actor(s) | Member |
| Pre-Condition | The actor is logged in and in “Home” screen currently. |
| Post-Condition | The system shows all courses. |
| Main path | 1. The Actor clicks “Courses” button in the “Home” screen. 2. The system prepares all courses in member’s branch. 3. The system sorts courses by its id. 4. The system gets quota information. 5. The system shows all courses and their quota information in the own branch. |
| Alternative path | None |

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| Use Case Number | 12 |
| Use Case Code | SCMS-UC-12 |
| Use Case Name | Show Course Information |
| Actor(s) | Member |
| Pre-Condition | The actor is logged in and in “Courses” screen currently. |
| Post-Condition | The system shows information about course. |
| Main path | 1. The Actor picks course in the course list. 2. The system prepares “Course Information” screen with “Enroll/Drop” and “Return” button.  * If the quota of course isn’t full, the “Join” button will active. In this case, this button’s status can change with the member’s tier. Platin members have special quota. * If the user is already registered the course, the system show “Drop” button. But, if the user didn’t attend the course, the system show “Join” button. |
| Alternative path | None |

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| Use Case Number | 13 |
| Use Case Code | SCMS-UC-13 |
| Use Case Name | Enroll/Payment for Course |
| Actor(s) | Member |
| Pre-Condition | Actor is logged in and in a specific course screen currently. |
| Post-Condition | The actor enrolled to the course |
| Main path | 1. The actor clicks “Join” button in the related course screen. 2. The system prepares the “Payment” screen. 3. The actor fills in the payment template. 4. The actor clicks “Pay Now” Button. 5. The system shows “Are You Sure?” window with “Yes” or “Cancel” buttons. 6. The actor clicks “Yes” button. 7. System sends the information to related bank. 8. System takes the verification of the bank. 9. The system gives feedback about result of process. 10. System decreases the available course quota. |
| Alternative path | 1. If the actor does not enter all information in payment template  * The system shows a warning message for incomplete form. * The system returns the template.  1. The actor changes his/her mind and click “Return” button in the related course screen.  * The system returns to “Courses” screen.      1. The Actor changes his/her mind and click “Return” button in the” Payment” screen.  * The system returns to related course screen.  1. In the “Are You Sure” window, actor changes his/her mind and clicks “Cancel” button.  * The system returns to related course screen. |

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| Use Case Number | 14 |
| Use Case Code | SCMS-UC-14 |
| Use Case Name | Add New Course |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in management panel window currently. |
| Post-Condition | The course opens with selected features. |
| Main path | 1. Actor clicks “Add New Course” button in the management panel. 2. The System provides blank course template with “Finish” and “Cancel” buttons. 3. Actor fills in the course template. 4. Actor clicks “Finish” button. 5. The System prepares “Are you sure?” window with “Apply”, “Cancel” buttons. 6. Actor clicks “Apply” button. 7. The System shows a message for process’ validity. |
| Alternative path | 1. If the actor does not fill all blanks.  * The System shows an error message about empty fields. * The process continues at step 3 of the Main path.  1. If the actor clicks “Cancel” button at step 2.  * System returns to management panel.      1. If the Actor clicks “Cancel” button in “Are you sure?” window  * The system will return the template and the process continuous at step 3 of the Main path. |

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| Use Case Number | 15 |
| Use Case Code | SCMS-UC-15 |
| Use Case Name | Delete Course |
| Actor(s) | Manager |
| Pre-Condition | The actor is logged in and in management panel window currently |
| Post-Condition | The system deletes the selected course. |
| Main path | 1. Actor clicks the “Courses” button. 2. The actor clicks “Delete Course” button. 3. Actor chooses a course from the list. 4. Actor clicks “Delete” for specific course. 5. The system prepares “Are you sure?” window with “Yes” and “Cancel” buttons. 6. The actor clicks “Yes” button. 7. The system deletes all information about the selected course. |
| Alternative path | 1. If the actor clicks “Cancel” button  * The system returns to management panel. |

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| Use Case Number | 16 |
| Use Case Code | SCMS-UC-16 |
| Use Case Name | Create Special Offer |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in management panel currently. |
| Post-Condition | In the system, a new special offer created. |
| Main path | 1. Actor clicks “Create Special Offer” button in the panel. 2. System shows branch selection window. 3. Actor selects branch he/she wants to create special offer. 4. System shows “Special Offer Details” form and “Create Offer” button in a window. 5. Actor fills out all the information on the form. 6. Actor clicks “Create Offer” button. 7. System checks whether the information form filled correctly. And generates error messages if necessary. 8. System shows “Are you sure” dialog screen with “Yes” and “No” buttons. 9. Actor clicks “Yes” button. 10. System creates new special offer. |
| Alternative path | 1. Actor clicks “No” button in the “Are you sure” screen.  * System returns to the campaign creation window.  1. If system found error on the form.  * System returns to the form fill screen. |

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| Use Case Number | 17 |
| Use Case Code | SCMS-UC-17 |
| Use Case Name | Ban User |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in management panel window currently. |
| Post-Condition | Selected member is banned from the system. |
| Main path | 1. Actor clicks “User Management” button in the management panel. 2. System opens user management panel. 3. Actor enters all information. 4. System searches for user with given information and display result. 5. Actor choose desired user and clicks “Ban User” button. 6. System shows “Are You Sure” window and “Apply” or “Cancel” buttons. 7. System shows a massage for process validity. |
| Alternative path | 1. If actor enters invalid information at step 3  * System shows warning message for invalid input.  1. If system can’t find any user with respect to given information at step 4  * System shows warning message for unknown user information  1. If actor click “Cancel” button  * User Management panel remains same. |

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| Use Case Number | 18 |
| Use Case Code | SCMS-UC-18 |
| Use Case Name | Add User |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in management panel window currently. |
| Post-Condition | Selected member is added to the system by actor. |
| Main path | 1. Actor clicks “User Management” button in the management panel. 2. System opens user management panel. 3. Actor clicks “Add User” button. 4. System shows a form for user’s information. 5. Actor enters all information. 6. Actor clicks “Save” button. 7. System shows “Are You Sure” window and “Apply Changes” or “Cancel” buttons. 8. Actor clicks “Apply Changes” button. 9. System shows a message for process’ validity. |
| Alternative path | 1. If actor enters invalid information at step 5  * System shows warning message for invalid input. * System waits in same form.  1. If form is incomplete at step 5  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor changes his/her mind and click “Cancel” button in the form  * Form disappears. |

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| Use Case Number | 19 |
| Use Case Code | SCMS-UC-19 |
| Use Case Name | Update User |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in management panel window currently. |
| Post-Condition | Selected member’s information updated by actor. |
| Main path | 1. Actor clicks “User Management” button in the management panel. 2. System opens user management panel. 3. Actor enters all information. 4. System searches for member with given information and display result. 5. Actor choose desired member and clicks “Update User” button. 6. System opens chosen member’s panel. 7. Actor make changes. 8. Actor clicks “Save” button. 9. System shows “Are You Sure” window and “Apply Changes” or “Cancel” buttons. 10. Actor clicks “Apply Changes” button. 11. System shows a massage for process validity. |
| Alternative path | 1. If actor enters invalid information at step 7  * System shows warning message for invalid input. * System waits in same form.  1. If system can’t find any user with respect to given information at step 4.  * System shows warning message for unknown user information  1. If actor click “Cancel” button at step 9  * Form disappears. |

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| Use Case Number | 20 |
| Use Case Code | SCMS-UC-20 |
| Use Case Name | View Branch Stats |
| Actor(s) | Manager |
| Pre-Condition | Actor is logged in and in the management panel window currently. |
| Post-Condition | System shows manager’s branch statistics. |
| Main path | 1. Actor clicks “View My Branch Stats” button in the management panel. 2. System search for specific manager and return that manager’s branch statistics. 3. System opens a new window. 4. System shows all the statistics for that branch. |
| Alternative path | None |

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| Use Case Number | 21 |
| Use Case Code | SCMS-UC-21 |
| Use Case Name | Add New Branch |
| Actor(s) | Owner |
| Pre-Condition | Actor is logged in and in the management panel window currently. |
| Post-Condition | In the system, a new branch opens. |
| Main path | 1. Actor clicks “Add New Branch” button in the management panel. 2. System opens a form for branch’s information. 3. Actor enters all information. 4. Actor clicks “Save” Button. 5. System shows “Are you sure?” window and “Apply” or “Cancel” buttons. 6. Actor clicks “Apply” button. 7. System shows a message for process’s validity. |
| Alternative path | 1. If the form is incomplete  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor changes his/her mind and click “Cancel” button in the form.  * “Are you sure?” window disappears. * System stays in same window. |

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| Use Case Number | 22 |
| Use Case Code | SCMS-UC-22 |
| Use Case Name | View All Branch Stats |
| Actor(s) | Owner |
| Pre-Condition | Actor is logged in and in the management panel window currently. |
| Post-Condition | System shows all statistics branch by branch. |
| Main path | 1. Actor clicks “Show All Branches” button in the management panel. 2. System search through all branches. 3. System sorts branches by its id. 4. System opens a new window. 5. System shows all the statistics branch by branch. |
| Alternative path | None |

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| Use Case Number | 23 |
| Use Case Code | SCMS-UC-23 |
| Use Case Name | Delete Manager |
| Actor(s) | Owner |
| Pre-Condition | Actor is logged in and in the “Update Manager” screen currently. |
| Post-Condition | In the system, a branch’s manager deleted. |
| Main path | 1. Actor clicks “Update Manager” button in the management panel. 2. System search for all branches and show their identity numbers with their name in a window. 3. Actor chooses manager. 4. Actor clicks “Okay” button. 5. System shows that branch’s manager information in a window. 6. “Delete”, “Update” buttons come up. 7. Actor clicks “Delete” button. 8. System shows “Are you sure?” window and shows “Apply” and “Cancel” buttons. 9. Actor clicks “Apply” button. 10. System shows a message for process’ validity. |
| Alternative path | * Actor changes his/her mind and click “Cancel” button in the form. * “Are you sure?” window disappears. * System stays in same window. * Actor changes his/her mind at step 3 and click “Cancel” button. * System returns “Update Manager” screen.  1. Actor changes his/her mind at step 3 and click “Cancel” button.  * System returns “Update Manager” screen. |

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| Use Case Number | 24 |
| Use Case Code | SCMS-UC-24 |
| Use Case Name | Add Manager |
| Actor(s) | Owner |
| Pre-Condition | Actor is logged in and in the “Update Manager” screen currently. |
| Post-Condition | In the system, a new branch manager added. |
| Main path | 1. Actor clicks “Update Manager” button in the management panel. 2. Actor clicks “Add Manager” button. 3. Actor fills a template for new manager’s information 4. Actor clicks “Okay” button. 5. System shows “Are You Sure” window and “Apply Changes” or “Cancel” buttons. 6. Actor clicks “Apply Changes” button. 7. System shows a message for process’ validity. |
| Alternative path | 1. If form is incomplete  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor changes his/her mind and click “Cancel” button in the form.  * “Are you sure?” window disappears. * System stays in same window.  1. Actor changes his/her mind at step 3 and click “Cancel” button.  * System returns “Update Manager” screen. |

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| Use Case Number | 25 |
| Use Case Code | SCMS-UC-25 |
| Use Case Name | Update Manager Information. |
| Actor(s) | Owner |
| Pre-Condition | Actor is logged in and in the “Update Manager” screen currently. |
| Post-Condition | In the system, branch manager information changes. |
| Main path | 1. Actor clicks “Update Manager” button in the management panel. 2. System search for all branches and show their identity numbers with their name in a window. 3. Actor chooses manager. 4. Actor clicks “Okay” button. 5. System shows that branch’s manager information in a window. 6. “Delete” and “Update” buttons come up. 7. Actor clicks “Update” button. 8. System shows a form for manager’s information. 9. Actor changes information. 10. Actor clicks “Okay” button. 11. System shows “Are You Sure” window and “Apply Changes” or “Cancel” buttons. 12. Actor clicks “Apply Changes” button. 13. System shows a message for process’ validity. |
| Alternative path | 1. If form is incomplete  * System shows a warning message for incomplete form. * System waits in same form.  1. Actor changes him/her mind and click “Cancel” button in the form at step 11.  * “Are you sure?” window disappears. * System stays in same window.  1. Actor changes his/her mind at step 3 and click “Cancel” button.  * System returns “Update Manager” screen. |