

# Bene-Fit Sports Center Management System Vision

## 1.Introduction

Generally, sports centers are places where one can improve him/herself alone. We aim to socialize people and create a chance to improve themselves in groups. We're planning to develop this system as much as flexible, easy to use and user-friendly.

## 2.Positioning

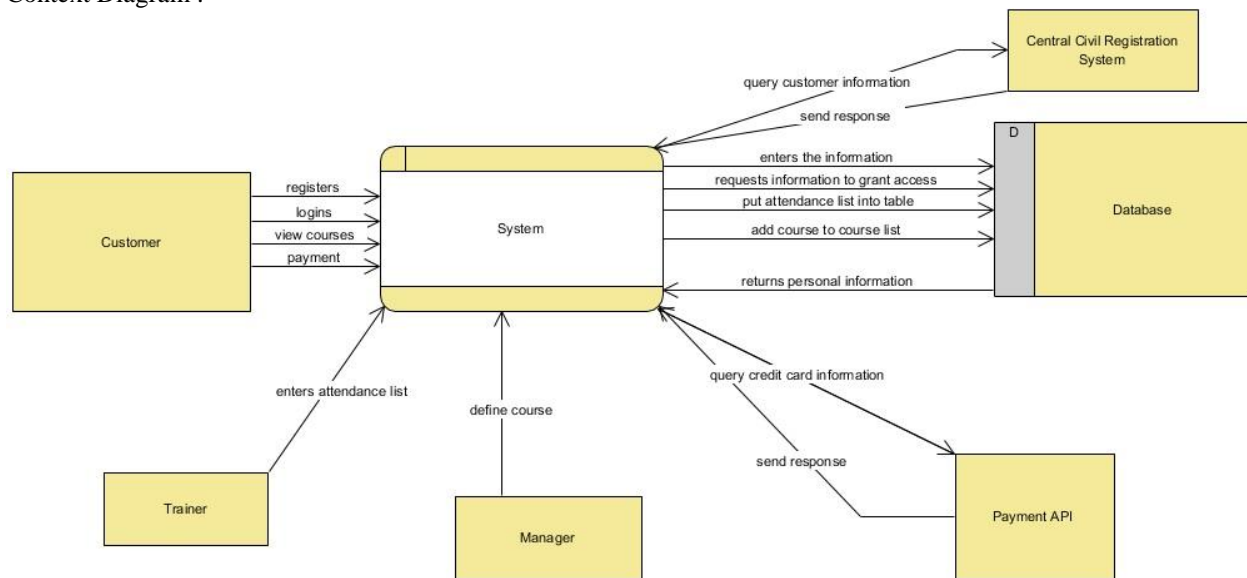
### 2.1.Problem Statement

|                                |                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------|
| The problem of                 | <b>Making management system of sports center online</b>                         |
| affects                        | <b>Member, employee of sports center, managers, non-members</b>                 |
| the impact of which is         | <b>Reduces paper work, improving communication between members and managers</b> |
| a successful solution would be | <b>Fast, efficient, safe, easy to use</b>                                       |

### 2.2.Product Position Statement

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| For               | <b>Sports center owners</b>                                                      |
| Who               | <b>Wants to make their sports center's management process easy and automated</b> |
| The Bene-fit SCMS | <b>is a management software</b>                                                  |
| That              | <b>Makes your management process automated</b>                                   |
| Unlike            | <b>Old school sports center management systems e.g. MacFit</b>                   |
| Our product       | <b>is online and doesn't require paper work</b>                                  |

Context Diagram :



### 3.Stakeholder Descriptions

#### 3.1.Stakeholder Summary

| Name                  | Description                                                            | Responsibilities                                                                            |
|-----------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Member</b>         | <b>Uses facility</b>                                                   | <b>Login, payment, register course</b>                                                      |
| <b>Trainer</b>        | <b>Give courses</b>                                                    | <b>Entering attendance list</b>                                                             |
| <b>Branch Manager</b> | <b>Organizing branch structure, checking general needs of facility</b> | <b>Open course, manipulate trainer, activate members, close course, manipulate customer</b> |
| <b>System Manager</b> | <b>Organizes all branches</b>                                          | <b>Define branch, define course, define payment, manipulate payment</b>                     |

| <b>Name</b>                              | <b>Description</b>                                                           | <b>Responsibilities</b>                                                                        |
|------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Credit Card Payment API</b>           | <b>Helps to check if credit card exists, if payment can happen or not</b>    | <b>Responds to requests to help payment process</b>                                            |
| <b>Central Civil Registration System</b> | <b>Helps to check if personal information is correct</b>                     | <b>Responds to request to check if citizenship ID is true and given information is correct</b> |
| <b>Development Team</b>                  | <b>Includes manager, analyst, designer, configuration manager and tester</b> | <b>Defining all software requirements and processes, implementing the system</b>               |
| <b>Instructors</b>                       | <b>Teaching assistants and instructor</b>                                    | <b>Observing each process in project, evaluating and giving advices if necessary</b>           |

### 3.2. User Environment

1. The Bene-Fit SCMS will be used by people, regardless of age, who wants to register Bene-Fit Sports Center or already registered.
2. The Bene-Fit SCMS should allow communication between employees and members.
3. The Bene-Fit SCMS will be a web-based application. In order to use it, Internet connection is required.
4. The Bene-Fit SCMS may integrate with smartphones.
5. The Bene-Fit SCMS should allow members to track their personal improvement over time.

## 4. Product Overview

### 4.1. Needs and Features

| <b>Need</b>                     | <b>Priority(1:Low, 5:High)</b> | <b>Features</b>                                         | <b>Planned Release</b> |
|---------------------------------|--------------------------------|---------------------------------------------------------|------------------------|
| <b>Register Interface</b>       | <b>5</b>                       | <b>In order to use sports center, one must register</b> | <b>Demo 1</b>          |
| <b>Login / Logout Interface</b> | <b>5</b>                       | <b>In order to list</b>                                 | <b>Demo 1</b>          |

|                                  |          |                                                                                       |               |
|----------------------------------|----------|---------------------------------------------------------------------------------------|---------------|
|                                  |          | <b>courses, sign courses</b>                                                          |               |
| <b>Sign Course</b>               | <b>3</b> | <b>In order to attend courses, one must sign course</b>                               | <b>Demo 2</b> |
| <b>Open / Close Course</b>       | <b>3</b> | <b>Branch manager can open or close a course in response to evaluation by members</b> | <b>Demo 2</b> |
| <b>Payment</b>                   | <b>3</b> | <b>One can select a payment method to continue membership</b>                         | <b>Demo 2</b> |
| <b>Evaluate Course / Trainer</b> | <b>1</b> | <b>Members can evaluate the course or trainer, this helps branch manager</b>          | <b>Demo 3</b> |
| <b>Request Course</b>            | <b>1</b> | <b>Members can request a new course</b>                                               | <b>Demo 3</b> |
| <b>Messaging</b>                 | <b>1</b> | <b>Trainers can send messages to members to help their improvement</b>                | <b>Demo 3</b> |

## 5.Other Product Requirements

| Requirement    | Priority | Planned Release |
|----------------|----------|-----------------|
| Web site       | 5        | Demo 1          |
| Database       | 5        | Demo 1          |
| User interface | 4        | Demo 2          |