

Istanbul Sabahattin Zaim University
Department of Computer Engineering

Bicycle store system



Prepared by
Oldar Bakr

Project Proposal
Assignment # 1

Introduction

The **Bicycle store system** will maintain information related to **Bicycle store** clients and employees working in a **store**. It will store information in the **SQLite** database. For user interface, **C#** with **Visual Studio** will be used. The details of the project are given below:

List of Objects

The project mainly consists of following entities.

1. Section
2. Bicycle
3. Employee
4. Special offer
5. Client
6. Tool
7. Report

Detailed functions

1.Section

Function Name	Description
Add	Add a new section
Update	Update section
Delete	Delete section
View	View all section
Search	Search section name

2.Bicycle

Function Name	Description
Add	Add a new bicycle
Update	Update bicycle
Delete	Delete bicycle
View	View all bicycle
Search	Search bicycle name

3.Employee

Function Name	Description
Add	Add a new employee
Update	Update employee
Delete	Delete employee
View	View all employee
Search	Search employee name
Add section	Add section of tools/bicycles
Update section	Update section of tools/bicycles
Delete section	Delete section of tools/bicycles
Add special offer	Add section of special offer
Update special offer	Update section of special offer
Delete special offer	Delete section of special offer
View reports	View all reports
Search reports by ID	Search report by ID
Search by name	Search client by name
Search by ID	Search employee by ID
Search by section	Search tools by section
Login	Log into the system
logout	Log out of the system

4.Special offer

Function Name	Description
Add	Add a new special offer
Update	Update special offer
Delete	Delete special offer
View	View all special offers
Search	Search special offers name

5.Client

Function Name	Description
Add	Add a new client
Update	Update client
Delete	Delete client
View	View all client
Search	Search client name
View special offer	View all special offer
Search bicycles	Search bicycles name

6.Tool

Function Name	Description
Add	Add a new tool
Update	Update tool
Delete	Delete tool
View	View all tool
Search	Search tool name

7.Report

Function Name	Description
Add	Add a new report
Update	Update report
Delete	Delete report
View	View all report
Search	Search report name