



Gebze
Technical
University

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SportKids Application

Software Project Report 1

Prepared by Team Fork Off

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Revision History

Name	Date	Reason for Changes	Version
Presentation 1	18.11.23	Initial Version	1.0

Introduction

SportKids is an application designed to streamline the general administration for both parents and sports institutions. It serves as a unified platform catering to the needs of various users within the same organization. For parents, SportKids facilitates access to announcements, attendance records, class schedules, and monthly fees related to their children's participation in sports schools.

Furthermore, SportKids offers convenience to sports instructors by allowing them to easily manage student schedules, attendance records, and communicate announcements promptly to parents. Simultaneously, the application streamlines tasks for school administrators, granting them quick access to instructor and student information. They can perform student registrations and track monthly payments made by parents.

This application aims to provide comprehensive convenience for all stakeholders within sports institutions.

User Story

1. Taking and Tracking Attendance.

a. Story

-Zeynep is a trainer at a sports school. She wants to swiftly and digitally record her students' attendance without using paper. This way, she can easily gather attendance information and provide updates to the parents.

Zeynep logs into the SportKids application and navigates to the "Attendance" section dedicated to her class. Within this section, there's a list of students' names accompanied by options indicating their attendance status as "present" or "absent". Zeynep can easily select and record the attendance status of her students.

-Kerem sends his child to a sports school. He wishes to check his child's attendance status through the application without physically visiting the school or calling the school. This way, Kerem can access his child's attendance information easily through an application that he can reach anytime.

Kerem logs into the SportKids application and can view his child's attendance status by accessing the attendance section.

b. Scenario

Initial Assumption: Trainer and parents must have downloaded the app and registered in it by admin. Both parents and the trainer must have a smartphone.

Normal: The trainer logs into the application, selects the attendance section, and views the class list. The trainer then views the registered students in the selected class and marks their attendance status as present or absent based on whether they are in the class or not.

What Could Go Wrong: The trainer might make an incorrect selection while manually marking the attendance through the application.

System State on Completion: The trainer should be able to record students' attendance statuses in the SportKids application and should be able to view this information whenever needed. Parents should be able to access their child's attendance information whenever they desire.

2. Payments

a. Story

Kerem pays for his child's sports school by physically going there, but sometimes, he forgets the payment dates. He struggles to remember if he has already made the payments. It would be great if Kerem could see whether he has made the payment or not through an app.

Kerem can check his payments by clicking on the "Payments" section in the SportKids app. He can review past and upcoming payments, verifying whether they have been made or not.

Arda, the sports school administrator, prefers not to keep payment information of parents in files. Moreover, to ensure timely payments from parents, he needs to communicate with them either at the school or via phone. If Arda could input payment statuses online and if parents could view this, payments would be securely recorded, and parents could easily see payment details to make timely payments.

Arda logs in as an admin on SportKids' web platform. He clicks on the "Payments" button, views the list of parents, marks monthly payments as completed if the parents have made payments. He can also see parents who haven't made payments.

b. Scenario

Initial Assumption: Parents must have downloaded the app and registered in it by admin. Parents must have a smartphone. The admin must have a computer to use the SportKids website.

Normal: Parents logs into the mobile application and accesses the 'Payments' section. Here, she views the list of payments made for her child's sports school and checks the payment status.

The admin manually inputs the payment status of parents through the web interface. This information enables parents to view their payment details through the mobile application.

What Could Go Wrong: If the admin accidentally enters incorrect or incomplete payment information, it might prevent parents from accessing the correct information.

Other Activities: The admin can track the payment history and upcoming payment schedules, send payment reminders, and update the payment status of parents. Parents can view her past

payments and upcoming payment schedules and receive a reminder regarding her payment history.

System State On Completion: Admin ensures access to accurate payment information for parents and maintains correct and updated details related to payments. Parents can access complete and accurate payment information within the SportKids application.

3. Announcements

a. Story

Kerem enrolled his child in a sports school. However, he sometimes misses announcements related to the school, risking the chance of overlooking important updates. He prefers to check announcements through the SportKids app so that he can instantly follow any notices from his phone.

As the director of the sports school, Arda sometimes finds it challenging to relay announcements to parents. Children might forget to inform their families about the announcements. In such cases, Arda needs to message or call all the parents. Using the SportKids website, Arda can easily communicate necessary information to all parents by making announcements.

b. Scenario

Initial Assumption: Parents must have downloaded the app and registered in it by admin. Parents must have a smartphone. The admin must have a computer to use the SportKids website.

Normal: The parent logs into the mobile application and can follow announcements by clicking on the 'Announcements' section. On the admin website, they click the 'Announcements' button, write the announcement they want to make, and save it. This way, they've conveyed the announcements to the parents.

What Could Go Wrong: Parents may not check the announcements.

Other Activities: The admin can manage or delete announcements via the SportKids web page to convey updated information. Parents can view the announcements through the application.

System State on Completion: The parent follows announcements through the SportKids application, and the school director conveys necessary information to all parents via the SportKids website.

4. Trainer, Parent and Child Registration

a. Story

Arda is the director of a sports school. He doesn't want to keep records of instructors, parents, and children on paper. He wants to easily access people's information when needed, avoiding the hassle of searching through papers. Writing registration details onto paper is also not secure. If

Arda could record the information of the people in his school digitally, it would be secure, convenient, and highly practical for him. Arda enters and saves information of parents/children and trainers through the Sports Kids website. He can access this information anytime and delete records when necessary.

b. Scenario

Initial Assumption: The admin should have the following information for parents: login id, password, identity number, name, surname, birthday, telephone number, address. For children: child id, password, name, surname, identity number, birthday, address, parent login id, courses. And for trainers: Trainer login id, password, identity number, name, surname, birthday, phone number, experiences, address. The admin obtains this information from registering individuals and accesses the "User Add/Remove," "Trainer Add/Remove," "Child Add/Remove" buttons on the SportKids website. They input the gathered details into the displayed list and click the "add" button, thereby registering individuals into the SportKids application. Registered individuals can access the mobile application with their username and password. The individuals to be registered must have a smartphone.

Normal: The admin enters the SportKids website, having previously gathered information from the parent/child and trainer. Then, they click on the 'User Add/Remove' button for parents, 'Child Add/Remove' for children, and 'Trainer Add/Remove' for trainers. They input the gathered information from individuals and click the 'add' button.

What Could Go Wrong: This process should be designed to prevent incomplete or incorrect data entry, ensuring that all required fields are filled accurately. Ensuring completeness and accuracy of data before initiating the registration process is crucial. Additionally, registering users with current and accurate information helps reduce potential errors and future update requirements. Therefore, performing the registration process carefully and meticulously is essential.

Other Activities: When the admin accesses the SportKids website, they encounter an interface to manage users (parents/children or trainers). This interface is typically represented by buttons such as "User Add/Remove," "Child Add/Remove," and "Trainer Add/Remove." Through this interface, the admin can select a specific user and has the ability to delete them. Usually, it's possible to delete the selected user via a "Remove" button. However, since this action is irreversible, it's important for the admin to be cautious when deleting users and avoid accidentally deleting the correct user. The admin should take care and ensure not to delete an unintended user while performing the deletion of an unwanted user.

System State on Completion: Upon completion, the system will have the following state:

Registered Users: The system will contain registered individuals including parents, children, and trainers.

User Information: All registered parents will have the following information saved: login ID, password, identity number, name, surname, birthday, telephone number, and address. Children's records will include child ID, password, name, surname, identity number, birthday, address, parent login ID, and associated courses. Trainers' information will consist of Trainer login ID, password, identity number, name, surname, birthday, phone number, experiences, and address.

Accessibility: Registered individuals will be able to access the SportKids mobile application using their username and password. It is assumed that users intending to register must possess a smartphone.

Admin Interface: The administrator will have access to an interface within the SportKids website to manage users. This interface will contain options such as "User Add/Remove," "Child Add/Remove," and "Trainer Add/Remove." Through these functionalities, the admin can add new users, delete existing users, and ensure user management.

User Deletion: The admin will have the authority to delete users through the admin interface. This process is typically carried out by selecting a specific user and using the "Remove" button. Due to the irreversible nature of this action, the admin needs to exercise caution to avoid accidentally deleting the wrong user.

Data Accuracy Measures: To prevent errors during registration, the system will have validation checks in place to ensure the completeness and accuracy of entered data. All required fields must be accurately filled before registration, minimizing potential errors and future update requirements.

5. Listing Courses

a. Story

Arda is the manager of a sports school that offers various courses (sports classes). He stores information about these courses in physical files. However, this method is now quite outdated and often leads to errors and data loss. Moreover, searching for physical documents is time-consuming. If Arda could digitize the information about these courses, he would be able to view them at any time and access the relevant details. This method would be highly beneficial.

This is where the SportKids application comes into play. Arda logs into the SportKids website from his computer and can list the courses.

b. Scenario

Initial Assumption: The admin must have access to a computer to log in to the SportKids website. They should have previously added the courses into the system. The admin can assign courses to parents, children, and trainers. Additionally, they can perform course addition or removal from the website's homepage.

Normal: Admin logs into the SportKids website and clicks on the "Course" button. They enter the following details related to the course: Course ID, name, capacity, start date, end date, and course place. Once they click "Done," the process of adding the course is completed.

Furthermore, the admin can assign the course to individuals through the "Parent," "Child," and "Instructor" sections.

What Could Go Wrong: The admin might make errors while entering course details, leading to incorrect inputs. Additionally, there could be incomplete or incorrect assignments while assigning courses to individuals.

Other Activities: The admin can also later delete courses and manage course addition through the parent, child, and instructor interfaces.

System State on Completion: When the system is completed, the following conditions will exist:

Courses: There will be courses added and recorded in the system by the administrator.

Course Details: Information such as Course ID, name, capacity, start date, end date, and location will be available for each course.

Assignments: Assignments of specific courses to individuals (parents, children, instructors) made by the administrator will be present.

Deletion Processes: Management of course deletions or addition procedures will be available.

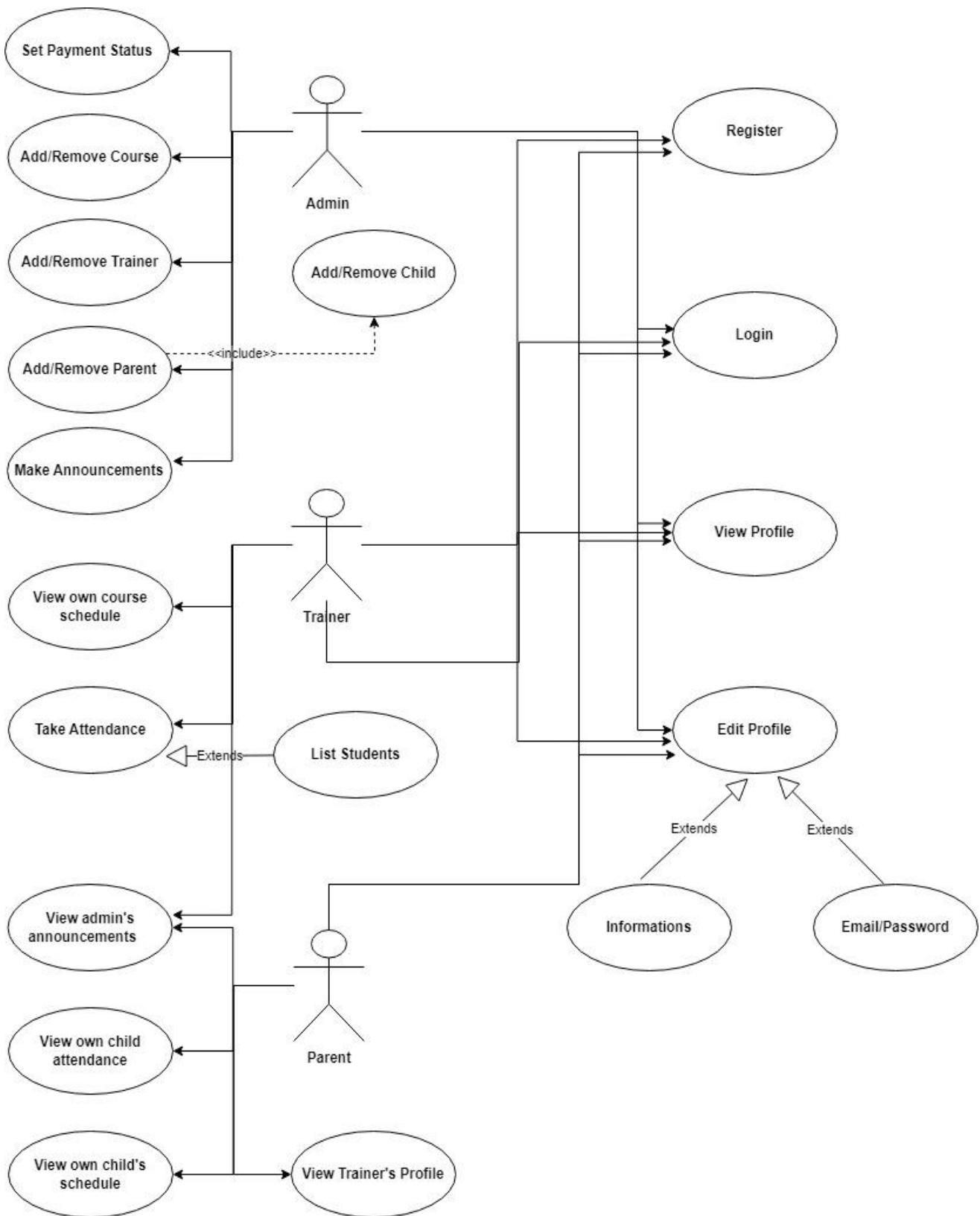
Test Case Document

TEST CASES	EXPLANATION	TEST STEPS	EXPECTED OUTPUT
TEST CASES FOR WEB END			
TEST CASE 1	Homepage will be displayed to the admin	Admin enters the web page to enter the system	Homepage is displayed
TEST CASE 2	Login page will be displayed to the admin	Admin enters the web page to enter the system Admin clicks log in button	Log in page is displayed
TEST CASE 3	Admin enters the system with correct login informations	Admin clicks login button	When login button is clicked, login page is displayed
TEST CASE 4	Admin enters the system with wrong login informations	Admin enters its correct gmail and password respectively Admin clicks login button	When the correct login information is gathered, Admin's web page is displayed When login button is clicked, login page is displayed
TEST CASE 5	Admin forgot its password	Enters its wrong gmail and password respectively Admin clicks "Forgot my password" button	Admin's web page will not be displayed, instead, an error pop-up will be displayed "Forgot my button" pop-up page is displayed
TEST CASE 6	Reset password link is clicked - verification code is correct	Admin enters the correct e mail address Admin uses the "Reset password" link	Reset password link is sent to the email address of admin's A verification code is sent to the admin
TEST CASE 7	Reset password link is clicked - verification code is wrong	Admin enters the right verification code to the pop-up page Admin resets its password	System verifies the verification code Homepage of Admin is displayed again
TEST CASE 8	Admin adds an instructor	Admin uses the "Reset password" link Admin enters the wrong verification code to the pop-up page	A verification code is sent to the admin "Wrong verification code! Try again" error is displayed Homepage of Admin is displayed again
TEST CASE 9	Admin removes an instructor	Admin clicks "Add" button in the "Instructor" section Enters the appropriate informations about instructor Clicks the "Done" button	When "Add" button is clicked, a pop-up page is displayed which take the informations The instructor is added to the instructor list "Added" pop-up is displayed
TEST CASE 10	Admin lists instructors	Admin clicks "Remove" button in the "Instructor" section	When "Remove" button is clicked, a pop-up page is displayed which takes the information The instructor is removed from the instructor list "Removed" pop-up is displayed
TEST CASE 11	Admin adds a course	Enters the instructor ID Clicks the "Done" button	The list of all instructors are displayed on a pop-up When "Add" button is clicked, a pop-up page is displayed which takes the informations The course is added to the courses list "Added" pop-up is displayed
TEST CASE 12	Admin removes a course	Admin clicks the "List" button in the "Instructor" section Admin clicks "Add" button in the "Course" section Enters the appropriate informations about course Clicks the "Done" button	The course is removed from the courses list "Removed" pop-up is displayed
TEST CASE 13	Admin lists courses	Admin clicks "Remove" button in the "Course" section Enters the Course ID Clicks the "Done" button	The list of all courses are displayed on a pop-up When "Remove" button is clicked, a pop-up page is displayed which takes the information The course is removed from the courses list "Removed" pop-up is displayed
TEST CASE 14	Admin adds a parent	Admin clicks the "List" button in the "Course" section Admin clicks "Add" button in the "Parent" section Enters the appropriate informations about the parent Clicks the "Done" button	The list of all courses are displayed on a pop-up When "Add" button is clicked, a pop-up page is displayed which takes the informations The parent is added to the parents list "Added" pop-up is displayed
TEST CASE 15	Admin removes a parent	Admin clicks "Remove" button in the "Parent" section Enters the Parent ID Clicks the "Done" button	When "Remove" button is clicked, a pop-up page is displayed which takes the information The parent is removed from the parents list "Removed" pop-up is displayed
TEST CASE 16	Admin lists parents	Admin clicks the "List" button in the "Parent" section Admin clicks "Add" button in the "Child" section Enters the appropriate informations about the child Clicks the "Done" button	The list of all parents are displayed on a pop-up When "Add" button is clicked, a pop-up page is displayed which takes the informations The child is added to the childs list "Added" pop-up is displayed
TEST CASE 17	Admin adds a child		

TEST CASE 18 Admin removes a child	Admin clicks "Remove" button in the "Child" section Enters the Child ID Clicks the "Done" button	When "Remove" button is clicked, a pop-up page is displayed which takes the information The child is removed from the child's list "Removed" pop-up is displayed
TEST CASE 19 Admin lists children	Admin clicks the "List" button in the "Child" section	The list of all children are displayed on a pop-up
TEST CASE 20 Admin wants to make an announcements	Admin clicks the "Announcements" button Admin enters the announcement that is wanted to make	A pop-up page is displayed to take the announcement input The announcement is added to announcement list to be viewed by parents
TEST CASE 21 Admin marks a payment as unpaid	Admin clicks "Done" button Admin clicks the "Payment" button Enters the appropriate information about the payment and sets status as "unpaid"	"Announcement is sent" pop-up is displayed When "Payments" button is clicked, a pop-up page is displayed which takes the information The payment is added to the parent's payments list
TEST CASE 22 Admin marks a payment as paid	Sets payment as unpaid Admin clicks the "Payments" button Enters the appropriate information about the payment and sets status as "unpaid"	A pop-up page is displayed written "Payment information is saved" When "Payments" button is clicked, a pop-up page is displayed which takes the information The payment is marked as paid in the payment list
TEST CASE 23 Admin wants to view the payments list	Sets payment as paid Admin clicks the "List Payments" button	A pop-up page is displayed written "Payment information is saved" The list of all the payments are displayed
TEST CASE 24 Admin wants to search an instructor	Admin clicks the "Search" button	The instructor whose ID is the given instructorID is displayed on a pop-up
TEST CASE 25 Admin wants to search a parent	Admin clicks the "Search" button	The parent whose ID is the given ParentID is displayed on a pop-up
TEST CASE 26 Admin wants to search a course	Admin clicks the "Search" button	The course whose ID is the given CourseID is displayed on a pop-up
TEST CASE 27 Admin wants to search a child	Admin clicks the "Search" button	The instructor whose ID is the given ChildID is displayed on a pop-up

TEST CASES	EXPLANATION	TEST STEPS	EXPECTED OUTPUT
TEST CASES FOR MOBILE END			
TEST CASE 1	Parent enters the app	Parent downloads the app	App log in page is displayed to the parent
TEST CASE 2	Parent logs in with wrong username	Parent enters the wrong username to username input part Parent enters the correct password to password input part Parent clicks the "Login" button	App log in page is displayed to the parent App log in page is reload (empty input part) "Username or password is wrong" error message is printed
TEST CASE 3	Parent logs in with wrong password	Parent enters the correct username to username input part Parent enters the wrong password to password input part	App log in page is displayed to the parent App log in page is reload (empty input part) "Username or password is wrong" error message is printed
TEST CASE 4	Parent logs in with correct username and password	Parent enters the correct username to username input part Parent enters the correct password to password input part	App log in page is displayed to the parent
TEST CASE 5	Parent wants to check his/her own child's calendar	Parent clicks the "Class Calender" button	App parent's homepage is displayed to the parent
TEST CASE 6	Parent wants to check his/her own child's attendance record	Parent clicks the "Attendance Record" button	Calender page is displayed to the parent
TEST CASE 7	Parent wants to view upcoming payments	Parent clicks the "Fee Management" button	Attendance record of the child is displayed to the parent
TEST CASE 8	Parent wants to view trainer		Upcoming payments page is displayed to the parent
TEST CASE 9	Parent wants to check the admin's announcement	Parent clicks the gramophone icon on the below left	All the admins' announcements is displayed to the parent
TEST CASE 10	Parent wants to change the language of the app	Parent clicks the gear icon on the below right "Language" button is clicked	Setting page is displayed Language options are displayed
TEST CASE 11	Parent needs support about the usage of the app	Parent chooses her/his preferred language and clicked it Parent clicks the gear icon on the below right Parent clicks "Help and Support" button	App's language is changed Setting page is displayed Parent is redirected to help and support webpage Help and Support page is displayed
TEST CASE 12	Parent wants to be sure of the security of his/her information	Parent clicks the gear icon on the below right Parent clicks "Privacy & Security" button	Setting page is displayed A page including privacy and security information of the app is displayed to the parent
TEST CASE 13	Parent wants to know about the version of the app	Parent clicks the gear icon on the below right Parent clicks "About" button	Setting page is displayed A page including informations about the version of the app is displayed to the user
TEST CASE 14	Parent wants to log out from the app	Parent clicks the gear icon on the below right Parent clicks "Logout" button	Setting page is displayed Login page is displayed to the parent
TEST CASE 15	Instructor enters the app	Instructor downloads the app and opens	App log in page is displayed to the instructor
TEST CASE 16	Instructor wants to enter the log in page of the instructors	Instructor clicks the "Are you an instructor? Click Here" button on the below left	Instructor log in page is displayed to the instructor
TEST CASE 17	Instructor logs in with wrong username	Instructor enters the wrong username to username input part Instructor enters the correct password to password input part Instructor clicks the "Login" button	App log in page is displayed to the instructor App log in page is reload (empty input part) "Username or password is wrong" error message is printed
TEST CASE 18	Instructor logs in with wrong password	Instructor enters the correct username to username input part Instructor enters the wrong password to password input part	App log in page is displayed to the instructor App log in page is reload (empty input part) "Username or password is wrong" error message is printed
TEST CASE 19	Instructor logs in with correct username and password	Instructor enters the correct username to username input part Instructor enters the correct password to password input part	App log in page is displayed to the instructor
TEST CASE 20	Instructor wants to check his/her class calendar	Instructor clicks the "Class Calender" button	App parent's homepage is displayed to the instructor
TEST CASE 21	Instructor takes attendance of his/her class	Instructor clicks "Take an attendance" button Instructor choose the class Instructor marks "Absent" or "Present" each children by clicking buttons	Class calender is displayed All classes of the instructor is displayed to the instructor The children who take that class are listed
TEST CASE 22	Instructor wants to view his/her courses	When instructor finished taking attendance, switches the button at the bottom right	Courses given by that instructor are listed
TEST CASE 23	Instructor wants to view his/her students	Instructor clicks "View Courses" button	All students of the instructor are listed
TEST CASE 24	Instructor wants to change the language of the app	Instructor clicks the gear icon on the below right "Language" button is clicked	Setting page is displayed Language options are displayed
TEST CASE 25	Instructor needs support about the usage of the app	Instructor chooses her/his preferred language and clicked it Instructor clicks the gear icon on the below right Instructor clicks "Help and Support" button	App's language is changed Setting page is displayed Instructor is redirected to help and support webpage Help and Support page is displayed
TEST CASE 26	Instructor wants to be sure of the security of his/her information	Instructor clicks the gear icon on the below right Instructor clicks "Privacy & Security" button	Setting page is displayed
TEST CASE 27	Instructor wants to know about the version of the app	Instructor clicks the gear icon on the below right Instructor clicks "About" button	A page including privacy and security information of the app is displayed to the instructor
TEST CASE 28	Instructor wants to log out from the app	Instructor clicks the gear icon on the below right Instructor clicks "Logout" button	Setting page is displayed Login page is displayed to the instructor

Use Case Diagram



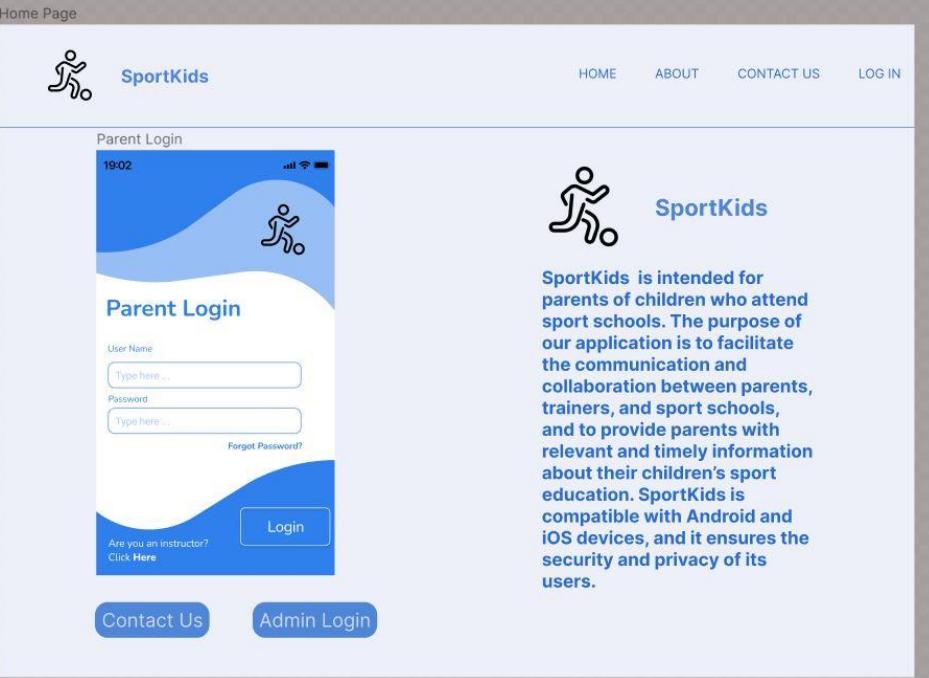
Backlog Document

Issue	ID	Status	Priority	Assignee	Sprint
Dummy/Simulated Graphical Interface via Figma (Mobile)	FO-23	Done	High	Ayşe Begüm NUR	FO Sprint 1
Dummy/Simulated Graphical Interface via Figma (Web)	FO-24	Done	High	Gülnihal AKDEM	FO Sprint 1
Create backlog for tasks	FO-30	Done	High	Ali Asım COŞKUN	FO Sprint 1
Do use case diagram(s) for the defined scenarios	FO-7	Done	High	Ali Asım COŞKUN	FO Sprint 1
Learning to use Android Studio	FO-2	In Progress	High	Ali Asım COŞKUN	FO Sprint 1
User story and its related scenarios	FO-6	Done	High	Buket GENÇER	FO Sprint 1
Prepare Documented Test Cases	FO-8	Done	High	Beyza ACAR	FO Sprint 1
Learning Kotlin	FO-1	In Progress	High	Ali Asım COŞKUN	FO Sprint 1
System Requirements (Web)	FO-21	To do	High	Beyza ACAR	FO Sprint 1
System Requirements (Mobile)	FO-22	In Progress	High	Ali Asım COŞKUN	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-3	In Progress	High	Beyza ACAR	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-4	In Progress	High	Gülnihal AKDEM	FO Sprint 1
Learning Kotlin	FO-5	In Progress	High	Buket GENÇER	FO Sprint 1
Learning Figma and UI&UX Design	FO-26	In Progress	High	Ayşe Begüm NUR	FO Sprint 1
Learning to use Android Studio	FO-31	In Progress	High	Buket GENÇER	FO Sprint 1
Create the log in page (Web)	FO-42	To do	High		FO Sprint 2&3
Create the home page (Web)	FO-46	To do	High		FO Sprint 3
Learning the basic of the Database Management System	FO-59	To do	High	For All	FO Sprint 2
Create a Database Diagram	FO-58	To do	High		FO Sprint 2
Create the log in page for Instructor (Mobile)	FO-39	To do	High		FO Sprint 2
Create the home page (Mobile)	FO-57	To do	High		FO Sprint 3
Create about page (Web)	FO-47	To do	High		FO Sprint 3
Create contact us page (Web)	FO-48	To do	High		FO Sprint 3
Admin can add/remove trainer	FO-9	To do	High		FO Sprint 3&4
Admin can add/remove parents	FO-11	To do	High		FO Sprint 3&4
Admin can add/remove child	FO-12	To do	High		FO Sprint 3&4
Admin can make announcements	FO-13	To do	High		FO Sprint 4
Admin can add/remove course	FO-32	To do	High		FO Sprint 3&4
Admin can set payment status	FO-45	To do	High		FO Sprint 4
Admin can list Parents	FO-33	To do	High		FO Sprint 4&5
Admin can list Children	FO-34	To do	High		FO Sprint 4&5
Admin can list Courses	FO-35	To do	High		FO Sprint 4&5
Admin can list Instructor	FO-36	To do	High		FO Sprint 4&5
Admin can update the payment status for parents.	FO-10	To do	High		FO Sprint 5
Create "Take an Attendance" page (Mobile)	FO-49	To do	High		FO Sprint 3&4
Create "View Course" page (Mobile)	FO-50	To do	High		FO Sprint 3&4
Create "View Students" page (Mobile)	FO-51	To do	High		FO Sprint 3&4
Create "Class Calendar" page (Mobile)	FO-27	To do	High		FO Sprint 3&4
Create "Announcements" page (Mobile)	FO-56	To do	High		FO Sprint 3&4
Create the log in page for Parent (Mobile)	FO-38	To do	High		FO Sprint 2&3
User can log in to system by using e-mail and password	FO-29	To do	High		FO Sprint 2&3
Trainer can list students	FO-14	To do	High		FO Sprint 3&4
Trainer can take attendance	FO-15	To do	High		FO Sprint 3&4
Trainer can view own course schedule	FO-16	To do	High		FO Sprint 3&4
Trainer can view admin's announcements	FO-43	To do	High		FO Sprint 3&4
Parent can view trainer's profile	FO-17	To do	High		FO Sprint 3&4
Parent can view own child's attendance	FO-18	To do	High		FO Sprint 3&4
Parent can view own child's schedule	FO-19	To do	High		FO Sprint 3&4
Parent can view admin's announcements	FO-20	To do	High		FO Sprint 3&4
Parent can view trainer's message	FO-44	To do	High		FO Sprint 5
Create "Language" page (Mobile)	FO-52	To do	Medium		FO Sprint 5
Create "About" page (Mobile)	FO-53	To do	Medium		FO Sprint 5
Create "Help and Support" page (Mobile)	FO-54	To do	Medium		FO Sprint 5
Create "Privacy & Security" page (Mobile)	FO-55	To do	Medium		FO Sprint 5
Create "I forgot my password" page (Web)	FO-40	To do	Medium		FO Sprint 5
Push notifications	FO-41	To do	Medium		FO Sprint 5
User can edit their profile page	FO-28	To do	Low		FO Sprint 5
Create Terms&Conditions and Privacy Policy	FO-25	To do	Low		FO Sprint 5

Dummy/Simulated Graphical Interface

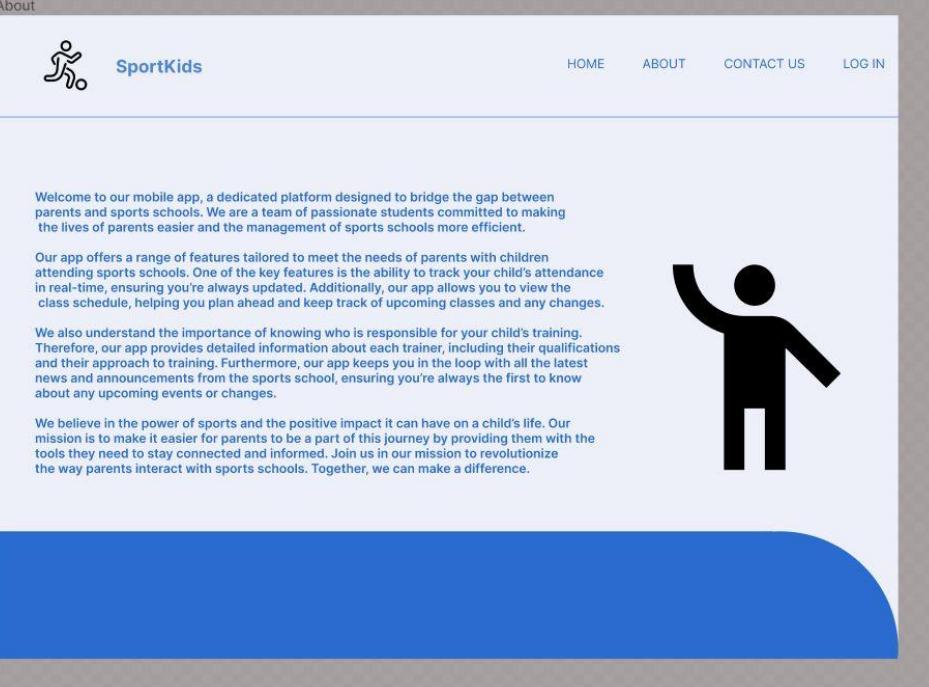
Web

Home Page



The Home Page features a header with the SportKids logo and navigation links for HOME, ABOUT, CONTACT US, and LOG IN. Below the header is a mobile device mockup showing the 'Parent Login' screen. The login screen has fields for User Name and Password, a 'Forgot Password?' link, and a 'Login' button. At the bottom of the screen is a link for instructors. To the right of the mobile view is a large text block explaining the app's purpose: to facilitate communication and collaboration between parents, trainers, and sport schools, providing relevant information about children's sport education. It emphasizes compatibility with Android and iOS devices, security, and privacy. At the bottom are 'Contact Us' and 'Admin Login' buttons.

About



The About page follows a similar header layout with the SportKids logo and navigation links. The main content area contains text about the app's mission to bridge the gap between parents and sports schools, highlighting its features like real-time attendance tracking and class scheduling. It also discusses the app's commitment to providing detailed information about trainers and staying connected with the latest news. To the right of the text is a large black silhouette of a person in a dynamic pose, possibly representing a child or an athlete. The page concludes with a blue footer section.

Contact Us

 SportKids

HOME ABOUT CONTACT US LOG IN

Name

Surname

Phone

E-mail

Message

DONE

Log In

 SportKids

HOME ABOUT CONTACT US LOG IN

Username

Password

[Forgot my password](#)

LOG IN

Admin Main Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for ...

Log Out

Make an Announcement

Announcement Message

Announcement Type ▾

DONE

This screenshot shows the main administrative interface for SportKids. On the left, there's a sidebar with various user roles: Instructor, Parent, Child, Course, and Payment, each with 'Add', 'Remove', and 'List' options. The 'Instructor' section is currently active. At the top right, there's a search bar, a log out button, and a 'DONE' button. The main content area is titled 'Make an Announcement' and contains a large text input field labeled 'Announcement Message' and a dropdown menu labeled 'Announcement Type'.

Instructor Add Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for ...

Log Out

Adding The Instructor

Instructor Id

Password

Identity Number(ID)

Name

Surname

Birthday

Phone

Experiences

Adress

DONE

This screenshot shows the 'Adding The Instructor' page. It has a similar layout to the main admin page with a sidebar and a 'DONE' button at the bottom right. The main form includes fields for Instructor ID, Password, Identity Number, Name, Surname, Birthday, Phone, Experiences, and Address. Each field is represented by a light blue input box.

Instructor Remove Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

[Log Out]

Removing The Instructor

Instructor Id:

[DONE]

Instructor List Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

[Log Out]

Listing The Instructors

Search for

Suggested Order ▾

ID	Full Name	E-mail	Password	Add Course	Delete Course
1	Ahmet Öztürk	aozturk@gmail.com	afl678	[Add Course]	[Delete Course]
2	Özdemir Ak	oak27@gmail.com	rmsk98	[Add Course]	[Delete Course]
3	Sefa Bal	sbal1988@gmail.com	ksdg352	[Add Course]	[Delete Course]

Parent Add Page

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Adding The Parent

Parent Id	Password	Identity Number(ID)
Name	Surname	
Birthday	Phone	
Address		

DONE

Parent Remove Page

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Removing The Parent

Parent Id

DONE

Parent List Page

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Listing The Parent

Search for

Suggested Order

Id	Full Name	E-mail	Password	Action
1	Ayşe Küçük	akucuk@gmail.com	kask27	Add Children
2	ibrahim Yıldırım	iyildirim@gmail.com	saask98	Add Children
3	Can Yılmaz	cylmaz@gmail.com	ksdg35a2	Add Children

Child Add Page

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Adding The Child

Child Id

Identity Number(ID)

Name:

Surname:

Birthday:

Weight

Height

DONE

Child Remove Page

SportKids

Search for

Log Out

Removing The Child

Child Id

DONE

Id	Full Name	Parent Id	Parent Name	Add Course	Delete Course
1	Emin Küçük	1	Ayşe Küçük	Add Course	Delete Course
2	Burcu Yıldırım	2	İbrahim Yıldırım	Add Course	Delete Course
3	Yağmur Yılmaz	3	Can Yılmaz	Add Course	Delete Course

Child List Page

SportKids

Search for

Log Out

Listing The Children

Search for Suggested Order ▲

Id	Full Name	Parent Id	Parent Name	Add Course	Delete Course
1	Emin Küçük	1	Ayşe Küçük	Add Course	Delete Course
2	Burcu Yıldırım	2	İbrahim Yıldırım	Add Course	Delete Course
3	Yağmur Yılmaz	3	Can Yılmaz	Add Course	Delete Course

Course Add Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

Log Out

Adding The Course

Course Id	Name	Capacity
<input type="text"/>	<input type="text"/>	<input type="text"/>

Start Date	End Date
<input type="text"/>	<input type="text"/>

Course Place

DONE

Course Remove Page

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

Log Out

Removing The Course

Course Id

DONE

Course List Page

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Search for

Suggested Order

Listing The Course

Id	Course Name	Instructor Name	Price	Start Date	End Date
1	Basketball101	Sefa Bal	150TL	22/07/2023	22/09/2023
2	Fencing101	Özdemir Ak	200TL	12/08/2023	24/11/2023
3	Volleyball101	Ahmet Öztürk	100TL	21/09/2023	24/12/2023

Payment



SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

Log Out

Payment

Parent Id	Course Id	Child Id
Cost	End Date	
Status		

DONE

List the Payments

List Payment



SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

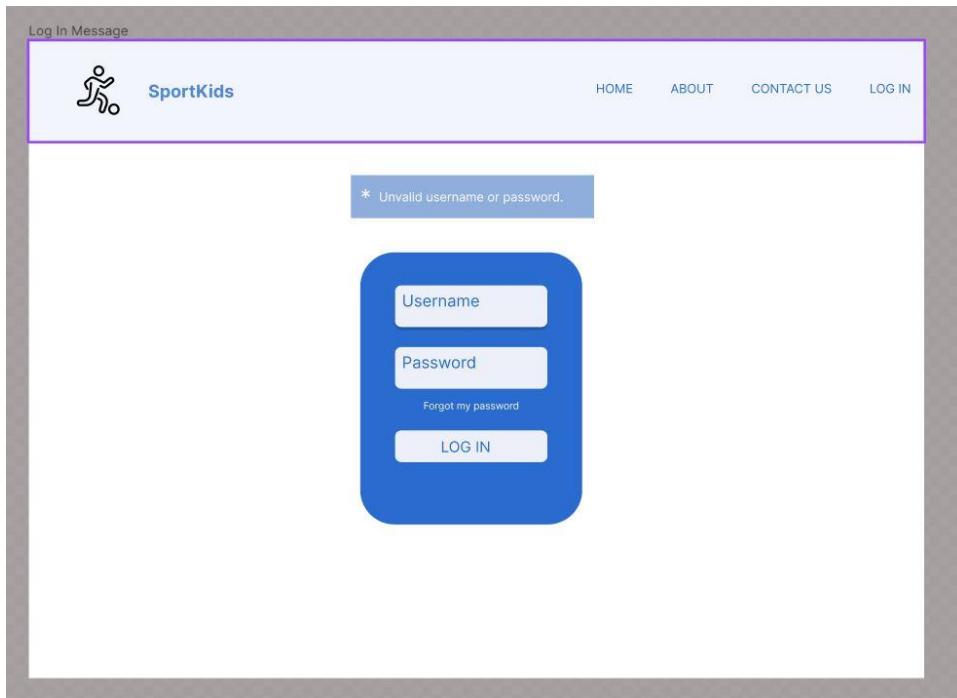
Search for

Log Out

List the Payments

Id	Parent Name	Child Name	Cost	Status	End Date
1	Ayşe Küçük	Emin Küçük	300TL	Paid	01/01/2024
2	İbrahim Yıldırım	Burcu Yıldırım	400TL	Unpaid	17/10/2023
3	Can Yılmaz	Yağmur Yılmaz	240TL	Unpaid	01/12/2023

TEST CASES FOR WEB



Contact Us

SportKids

Message is sent.

DONE

Name

Phone

E-mail

Message

DONE

1440 x 1024

This image shows a user interface for a contact form. At the top left is the 'SportKids' logo. On the right side of the header are links for 'LOG OUT', 'CONTACT US', and 'LOG IN'. Below the header, there is a message box containing the text 'Message is sent.' In the center of the page is a blue rectangular area containing the word 'DONE'. To the left of this central area are three input fields: 'Name' (with a blue placeholder bar), 'Phone' (with a blue placeholder bar), and 'E-mail' (with a blue placeholder bar). Below these fields is a larger input field labeled 'Message' (with a blue placeholder bar). At the bottom of the page are two 'DONE' buttons: one aligned with the 'Phone' and 'E-mail' fields, and another aligned with the 'Message' field. A large 'DONE' button is also located at the bottom right of the page. The entire interface is set against a light gray background with a dark gray border around the main content area. The overall width of the page is 1440 pixels and the height is 1024 pixels.

Admin Message

SportKids

Announcement

Instructor Add Remove List

Parent Add Remove List

Child Add Remove List

Course Add Remove List

Payment

Search for ...

Log Out

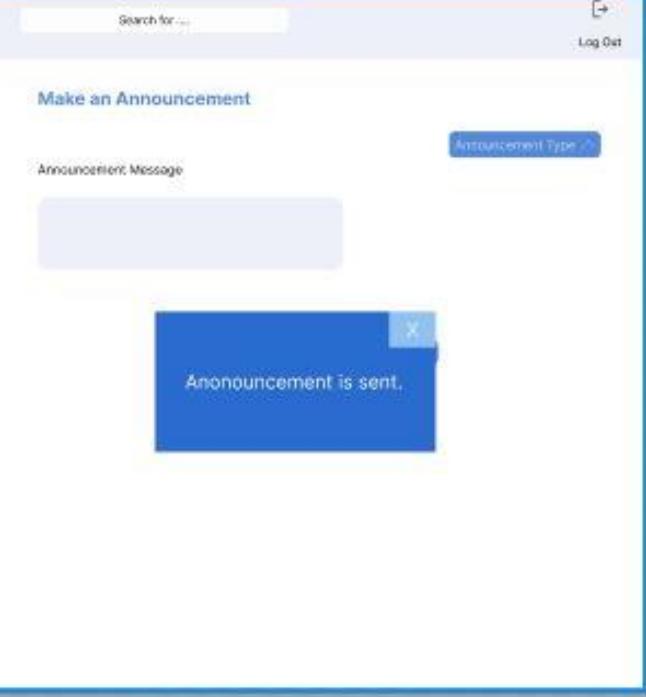
Make an Announcement

Announcement Message

Announcement Type

X

Announcement is sent.



Instructor Add Message

SportKids

Announcement

Instructor Add Remove List

Parent Add Remove List

Child Add Remove List

Course Add Remove List

Payment

Search for ...

Log Out

Adding The Instructor

Instructor Id: [REDACTED] Password: [REDACTED] Identity Number(ID): [REDACTED]

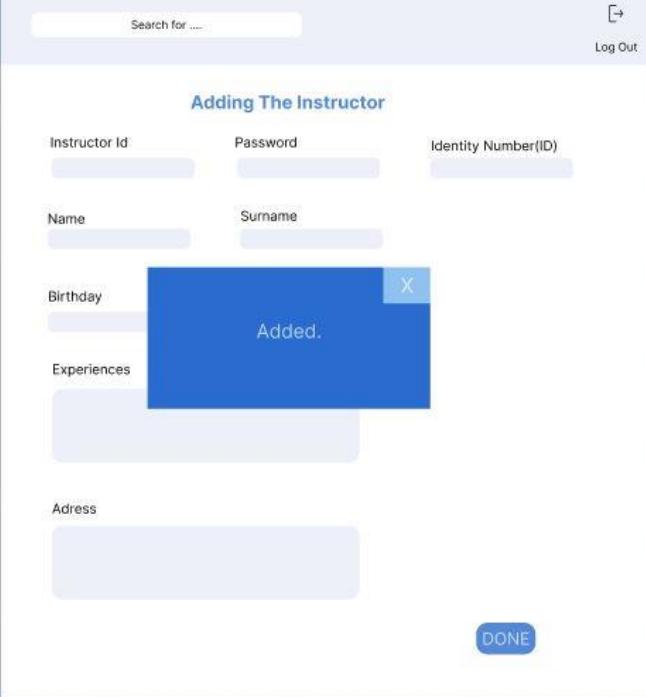
Name: [REDACTED] Surname: [REDACTED]

Birthday: [REDACTED] X

Experiences: [REDACTED]

Address: [REDACTED]

DONE



Instructor Remove Message

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

Course

- Add
- Remove
- List

Payment

Search for

Log Out

Removing The Instructor

Instructor Id:

[REDACTED]

DONE X

Removed.

This screenshot shows a confirmation message 'Removed.' displayed in a blue box over a list of instructors. The message is centered and has a close button 'X' in the top right corner. A 'DONE' button is visible at the bottom left of the message box. The background shows a list of three instructors with columns for Full Name, E-mail, and Password. Each row has a 'Course' button and a 'Delete Course' button.

ID	Full Name	E-mail	Password
1	Ahmet Öztürk	[REDACTED]	[REDACTED]
2	Özdemir Ak	Course id [REDACTED]	[REDACTED]
3	Sefa Bal	Instructor id [REDACTED]	[REDACTED]

Instructor Remove course

SportKids

Announcement

Instructor

- Add
- Remove
- List

Parent

- Add
- Remove
- List

Child

- Add
- Remove
- List

COURSE

- Add
- Remove
- List

Payment

Search for

Log Out

Listing The Instructors

Search for ... Suggested Order

ID	Full Name	E-mail	Password
1	Ahmet Öztürk	[REDACTED]	[REDACTED]
2	Özdemir Ak	Course id [REDACTED]	[REDACTED]
3	Sefa Bal	Instructor id [REDACTED]	[REDACTED]

DONE

This screenshot shows a confirmation message 'Removed.' displayed in a blue box over a list of instructors. The message is centered and has a close button 'X' in the top right corner. A 'DONE' button is visible at the bottom left of the message box. The background shows a list of three instructors with columns for Full Name, E-mail, and Password. Each row has a 'Course' button and a 'Delete Course' button.

ID	Full Name	E-mail	Password
1	Ahmet Öztürk	[REDACTED]	[REDACTED]
2	Özdemir Ak	Course id [REDACTED]	[REDACTED]
3	Sefa Bal	Instructor id [REDACTED]	[REDACTED]

Instructor Remove course Message

The screenshot shows the 'Listing The Instructors' page. A modal dialog box is centered over the table, displaying the message 'Course Removed.' and a 'DONE' button. The table lists three instructors:

ID	Full Name	E-mail	Password	Add Course	Delete Course
1	Ahmet Öztürk	aozturk@gmail.com	afl678	Green	Red
2	Özdemir Ak			Green	Red
3	Sefa Bal	sefabal@gmail.com	123456	Green	Red

Instructor Add course Message

The screenshot shows the 'Listing The Instructors' page. A modal dialog box is centered over the table, displaying the message 'Course Added.' and a 'DONE' button. The table lists three instructors:

ID	Full Name	E-mail	Password	Add Course	Delete Course
1	Ahmet Öztürk	aozturk@gmail.com	afl678	Green	Red
2	Özdemir Ak			Green	Red
3	Sefa Bal	sefabal@gmail.com	123456	Green	Red

Instructor Add course

The screenshot shows the 'Instructor Add course' page. On the left, a sidebar menu includes options like Announcement, Instructor (Add, Remove, List), Parent (Add, Remove, List), Child (Add, Remove, List), Course (Add, Remove, List), and Payment. The main area displays a table titled 'Listing The Instructors' with columns for Id, Full Name, E-mail, and Password. A modal dialog is overlaid on the table, containing fields for 'Course id' and 'Instructor id', both set to empty. Below these fields are two buttons: 'DONE' and 'Delete Course'.

Parent Add children Page

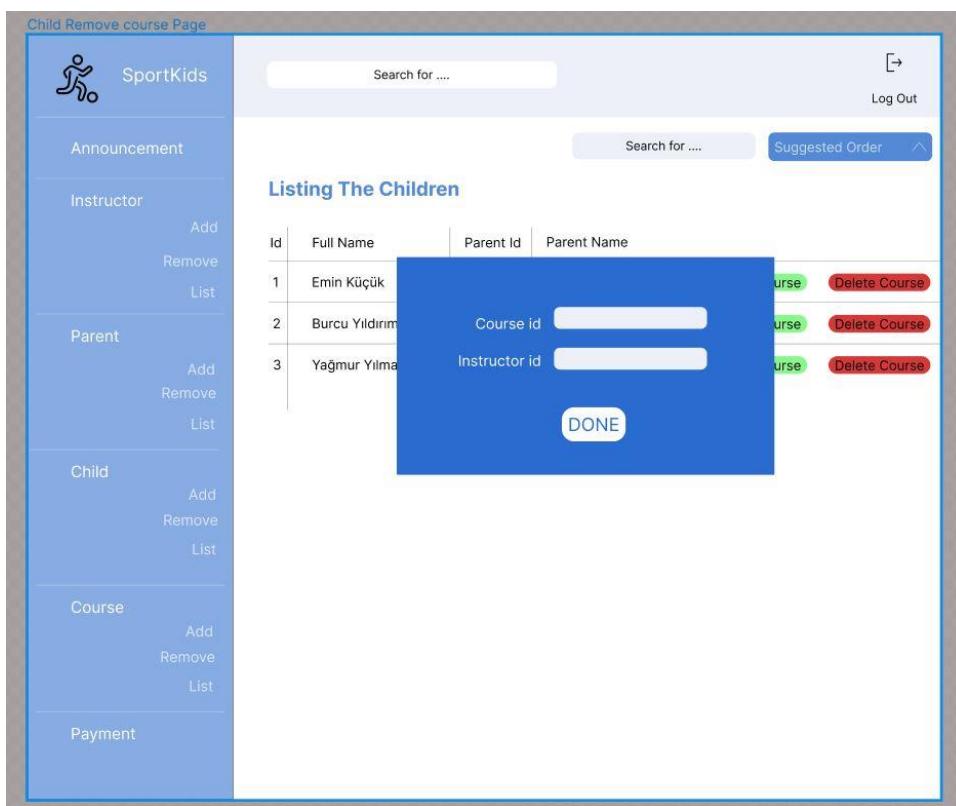
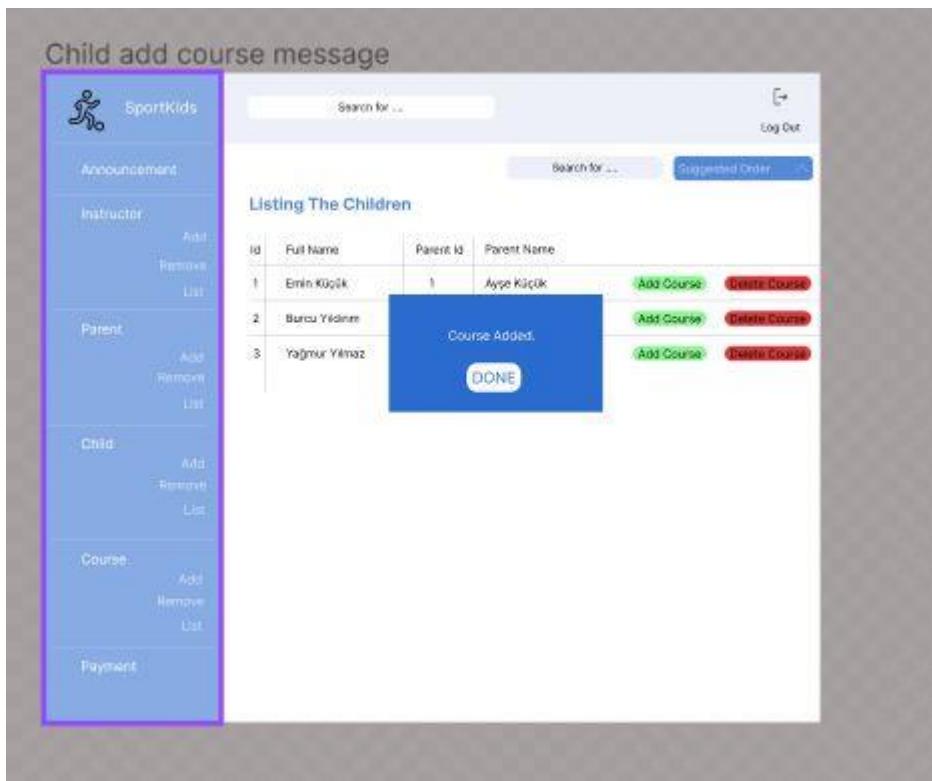
The screenshot shows the 'Parent Add children Page'. The sidebar menu is identical to the previous page. The main area displays a table titled 'Listing The Parent' with columns for Id, Full Name, Child id, and Parent id. A modal dialog is overlaid on the table, containing fields for 'Child id' and 'Parent id', both set to empty. Below these fields is a single button labeled 'DONE'.

Child Add course Page

The screenshot shows a user interface for managing children. On the left, a sidebar menu includes options for Announcement, Instructor, Parent, Child, Course, and Payment. The 'Child' section is currently active, showing 'Add', 'Remove', and 'List' buttons. The main content area is titled 'Listing The Children'. A table lists three children: Emin Küçük, Burcu Yıldırım, and Yağmur Yılmaz. Each row has a 'Course Id' input field and an 'Instructor Id' input field, followed by 'Add Course' and 'Delete Course' buttons. A blue modal dialog is overlaid on the table, containing fields for 'Course Id' and 'Instructor Id', and a 'DONE' button.

Parent Add child Message

The screenshot shows a user interface for managing parents. The sidebar menu includes options for Announcement, Instructor, Parent, Child, Course, and Payment. The 'Parent' section is active, showing 'Add', 'Remove', and 'List' buttons. The main content area is titled 'Listing The Instructors'. A table lists three instructors: Ahmet Öztürk, Özdemir Ak, and Sefa Bal. Each row has an 'E-mail' and 'Password' field, and 'Add Course' and 'Delete Course' buttons. A blue modal dialog is overlaid on the table, displaying the message 'Child Added.' and a 'DONE' button.



Child Remove course message

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Listing The Children

ID	Full Name	Parent ID	Parent Name
1	Emin Küçük	1	Ayşe Küçük
2	Burcu Yıldırım		
3	Yağmur Yılmaz		

Course Removed.

DONE

Payment Message

SportKids

Announcement

Instructor

Add

Remove

List

Parent

Add

Remove

List

Child

Add

Remove

List

Course

Add

Remove

List

Payment

Search for

Log Out

Payment

Parent Id: _____

Course Id: _____

Child Id: _____

Cost: _____

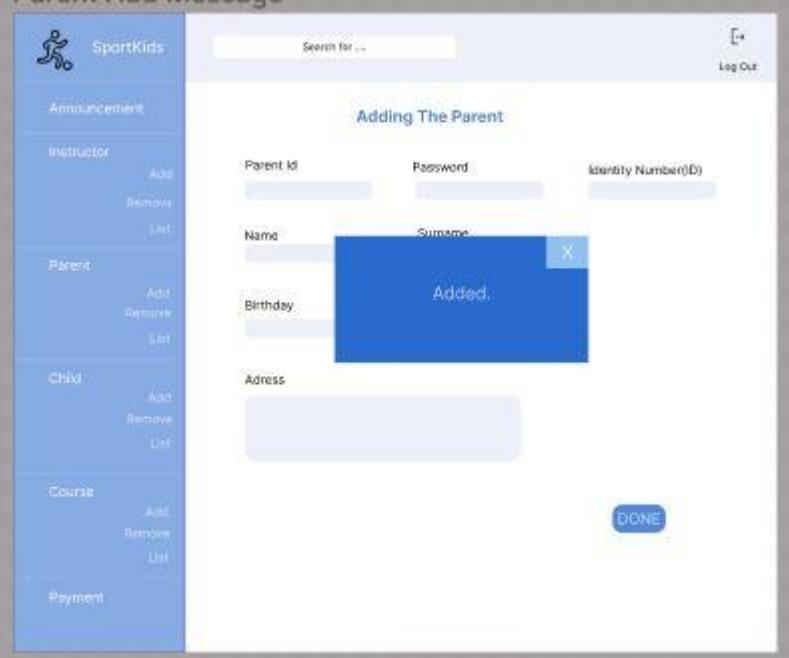
End Date: _____

Status: _____

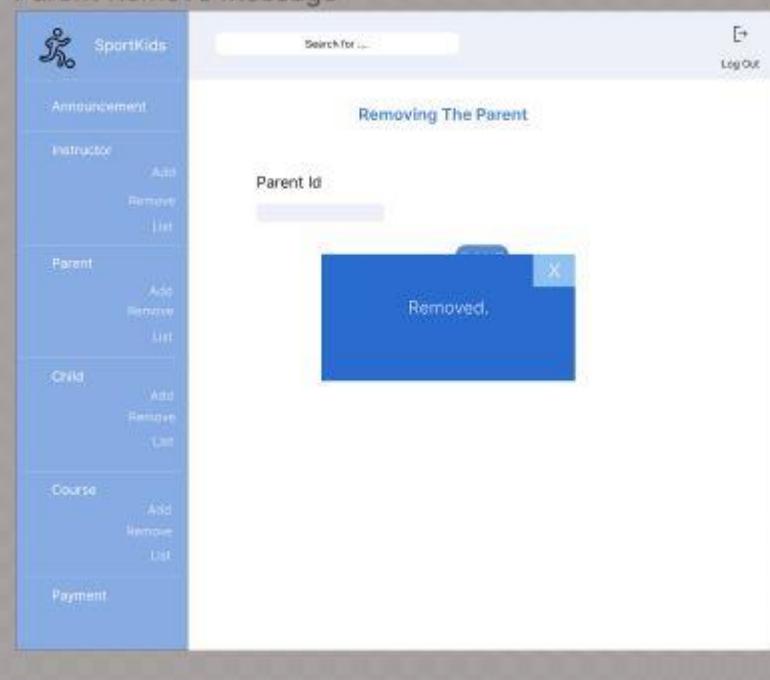
Payment information is saved.

DONE

Parent Add Message



Parent Remove Message



Course Remove Message

The screenshot shows a user interface for managing courses. On the left is a sidebar with a logo of a child running and the text "SportKids". The sidebar contains several sections with "Add", "Remove", and "List" options: Announcement, Instructor, Parent, Child, Course, and Payment. The main area is titled "Removing The Course" and displays a "Course Id" input field followed by a blue modal window with the text "Removed." and a close button ("X"). At the top right of the main area are "Search for", a refresh icon, and "Log Out".

Course Add Message

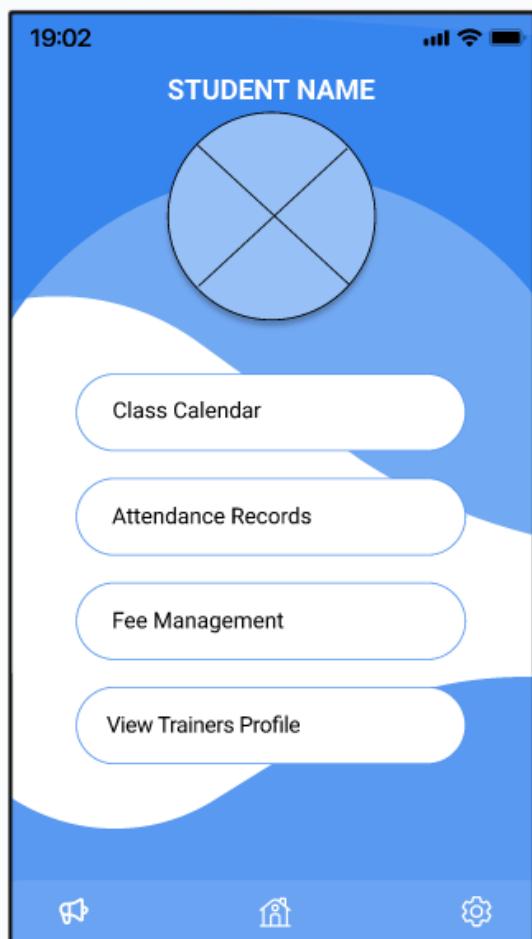
The screenshot shows a user interface for managing courses. On the left is a sidebar with a logo of a child running and the text "SportKids". The sidebar contains several sections with "Add", "Remove", and "List" options: Announcement, Instructor, Parent, Child, Course, and Payment. The main area is titled "Adding The Course" and displays fields for "Course Id", "Name", and "Capacity", along with "Start Date" and "Course Place" inputs. A blue modal window in the center contains the text "Added." and a close button ("X"). At the bottom right is a blue "DONE" button. At the top right of the main area are "Search for", a refresh icon, and "Log Out".

2. Mobile

Login



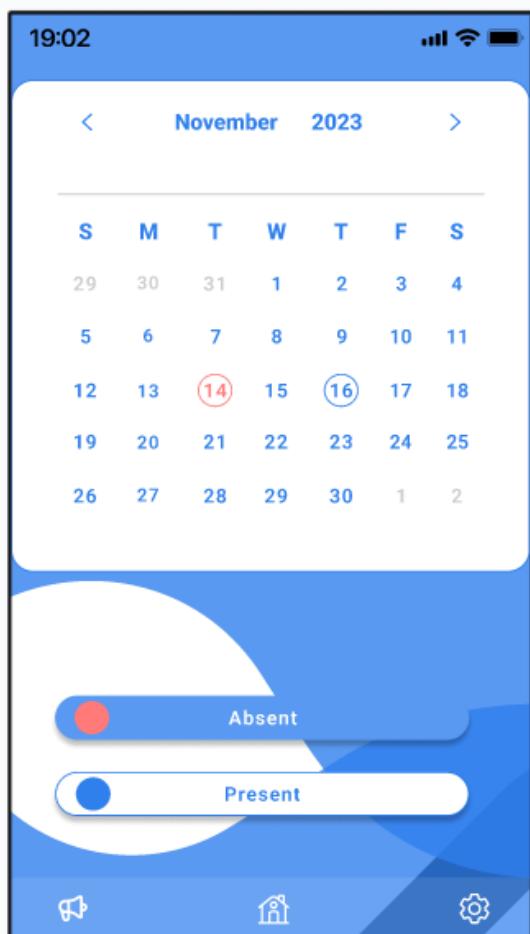
Homepage



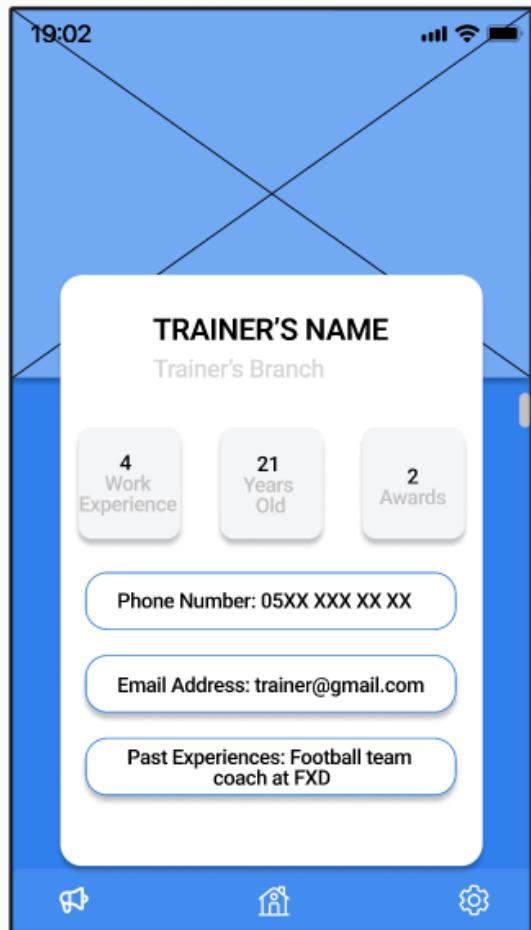
Class Calendar



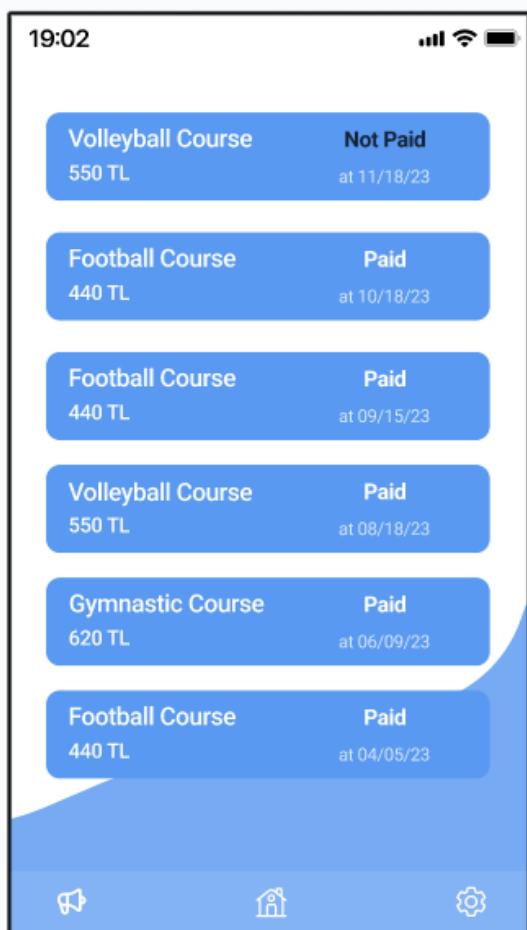
Attendance Records



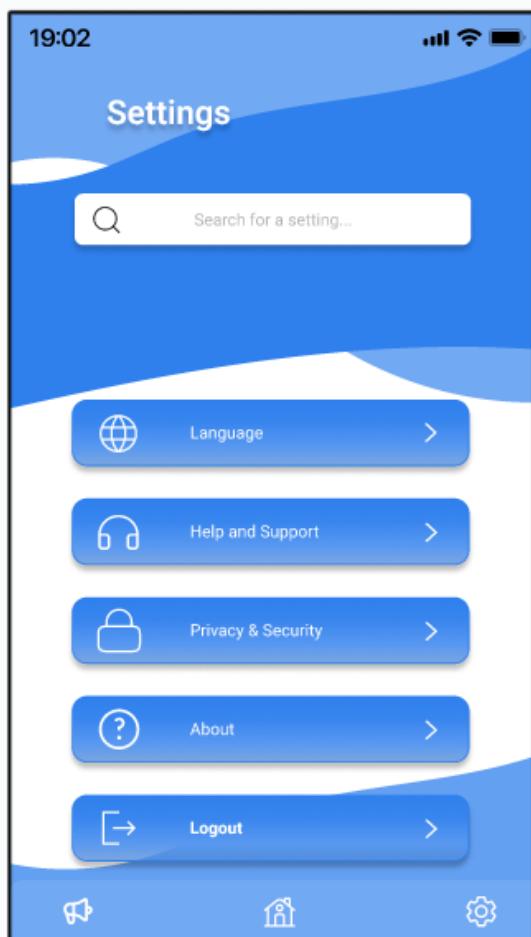
Trainer Profiles



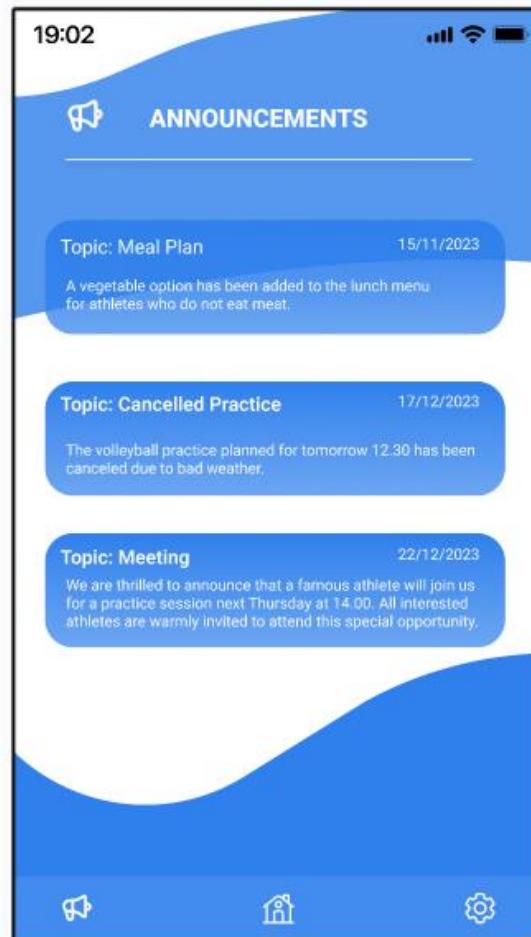
Fee Management



Settings



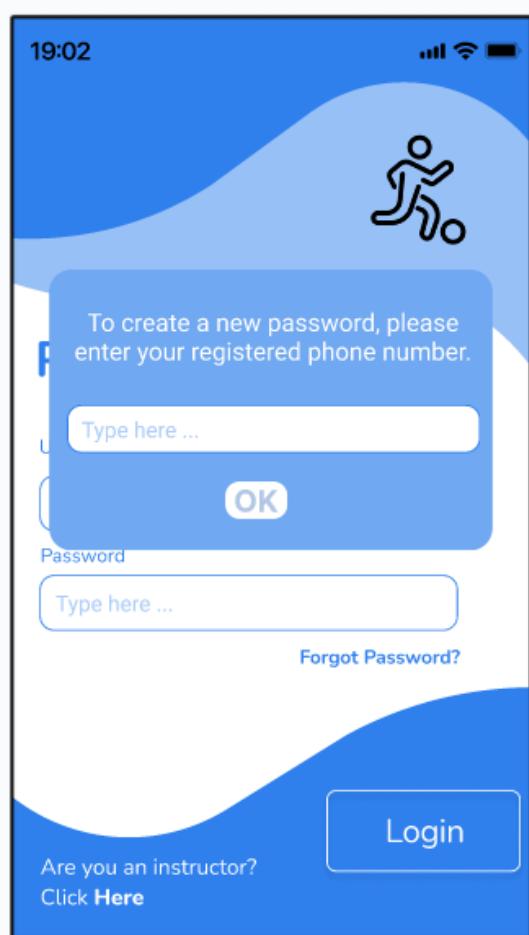
Announcements



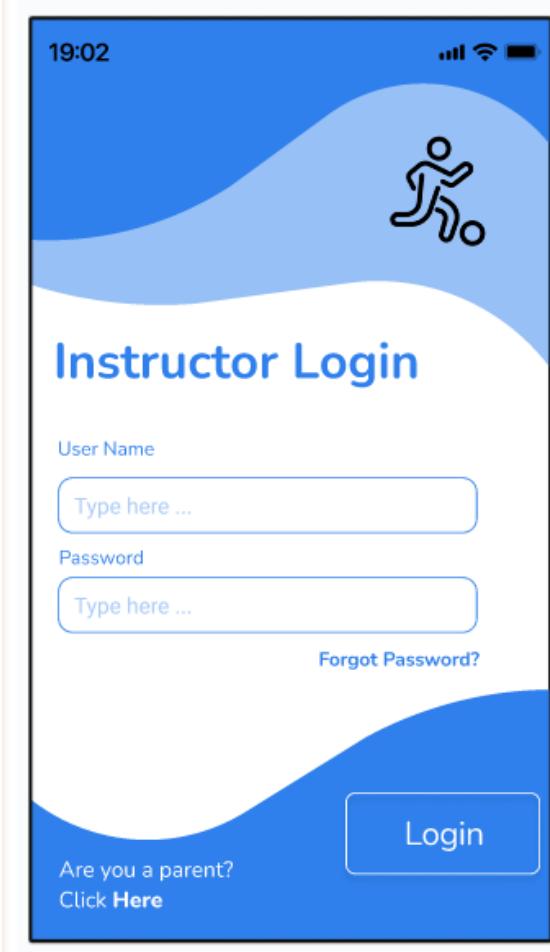
Login Wrong Input



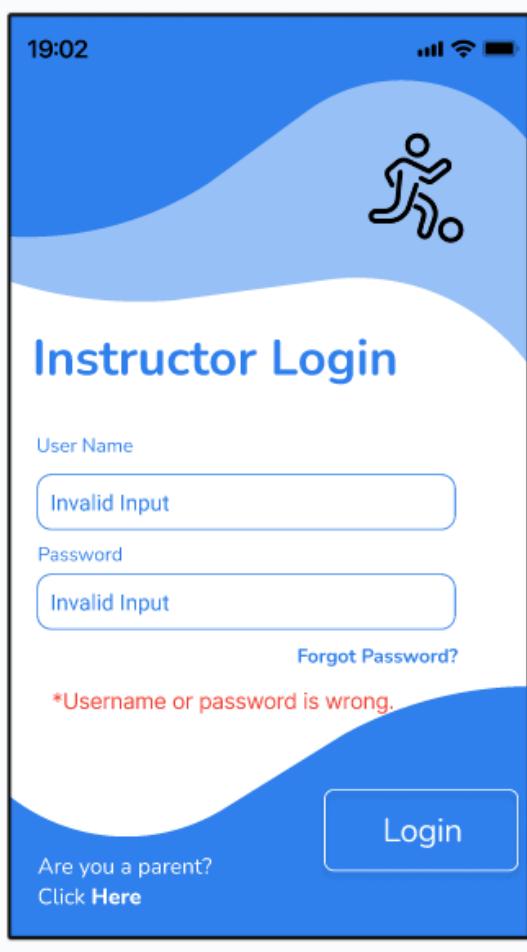
Forgot Password



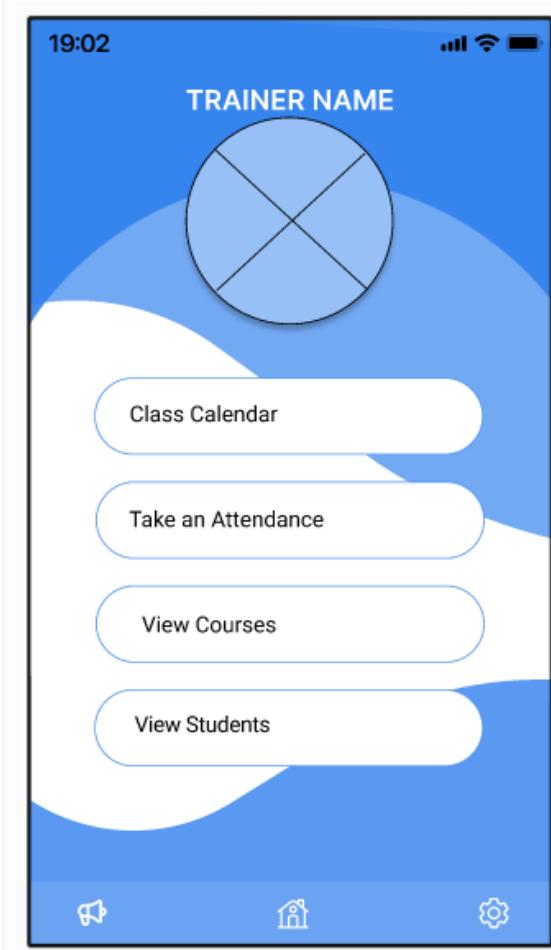
Instructor Login



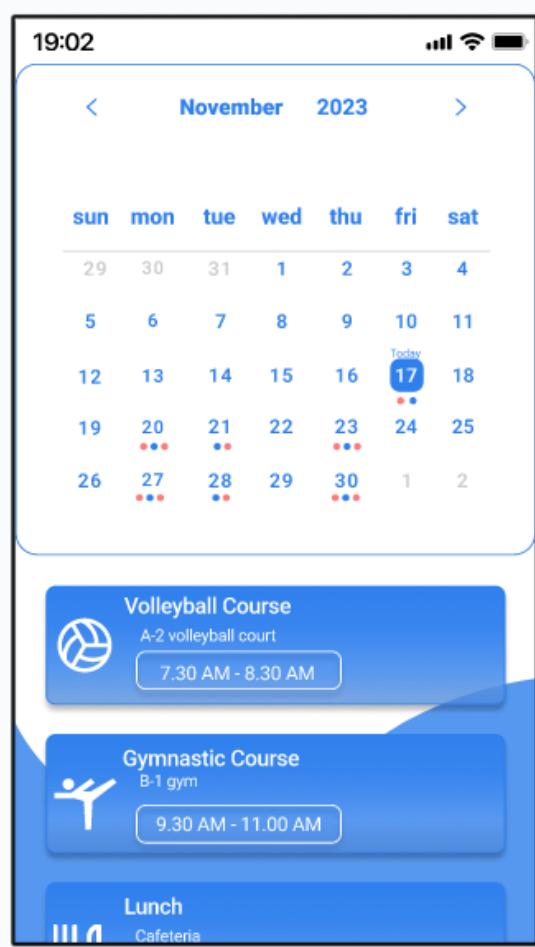
Invalid Input



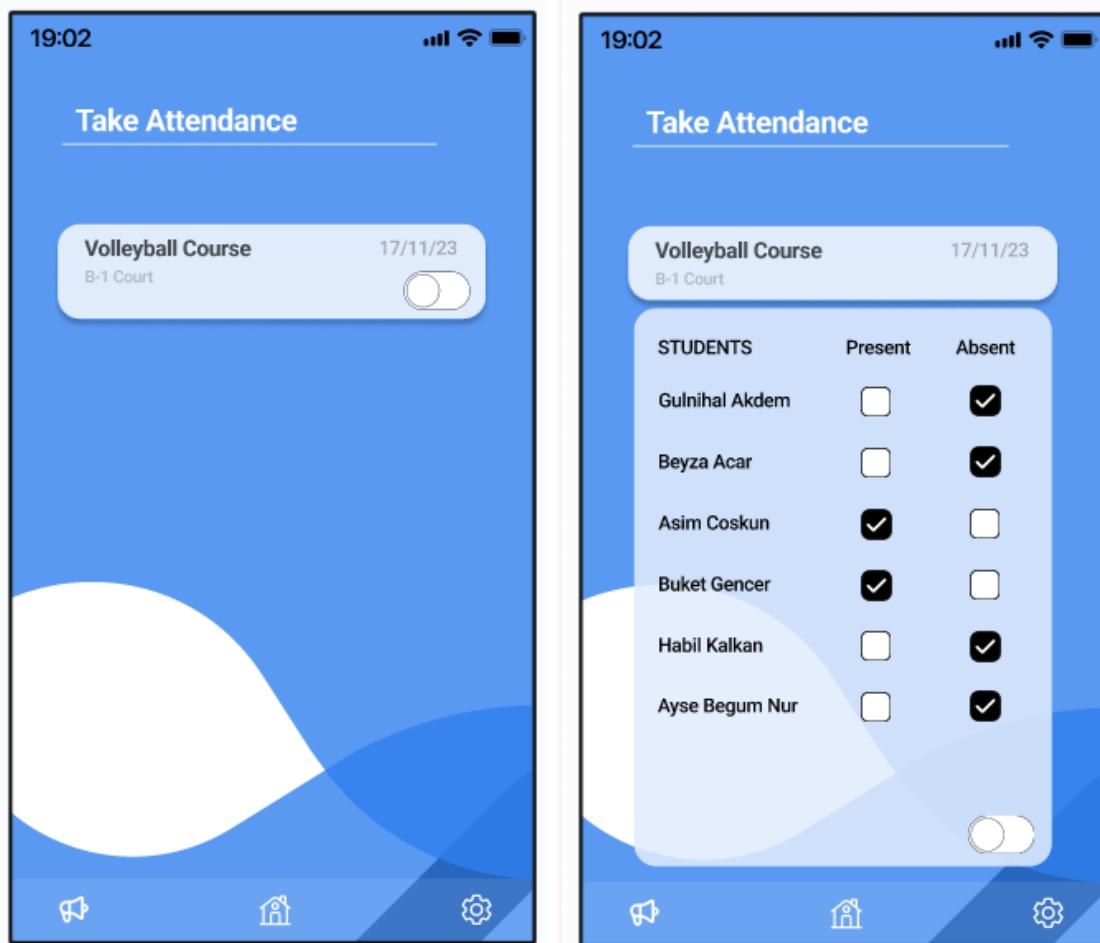
Trainer Homepage



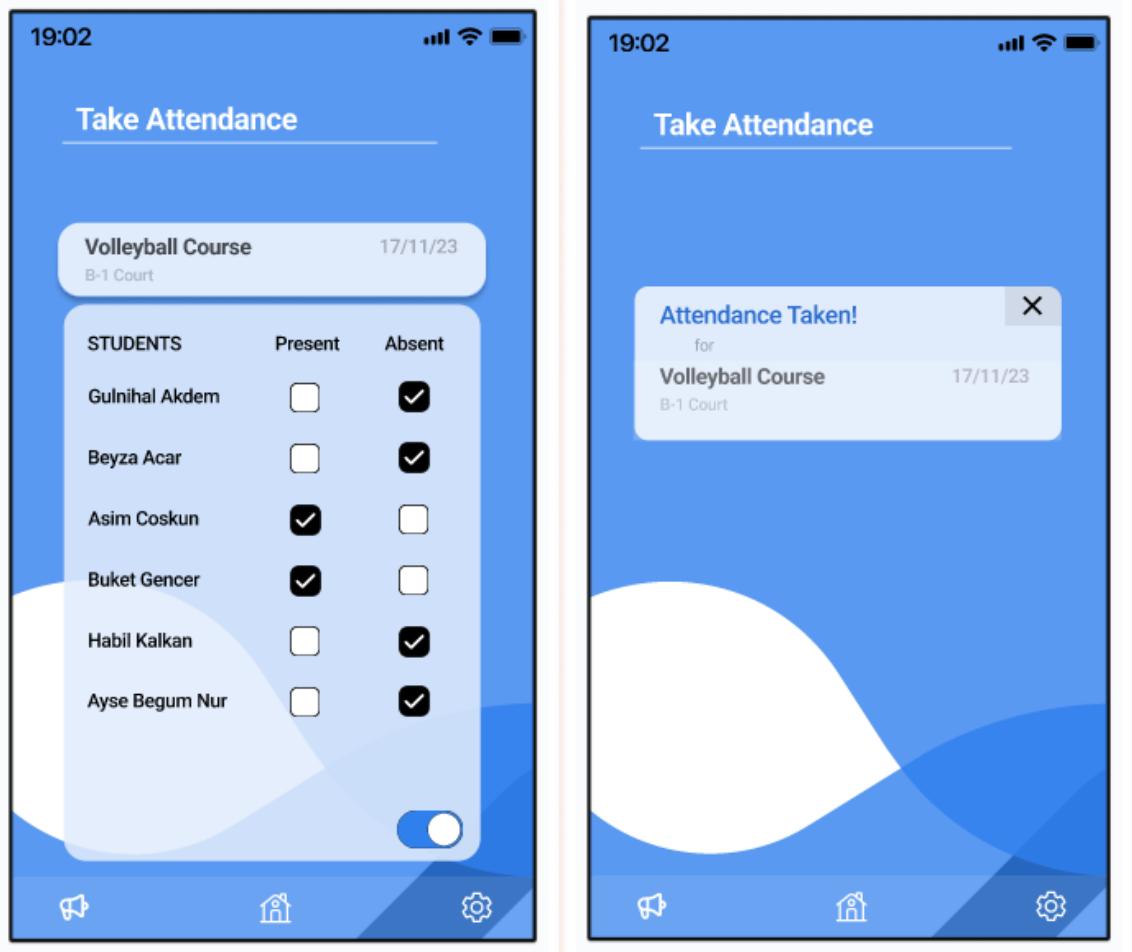
Trainer Class Schedule



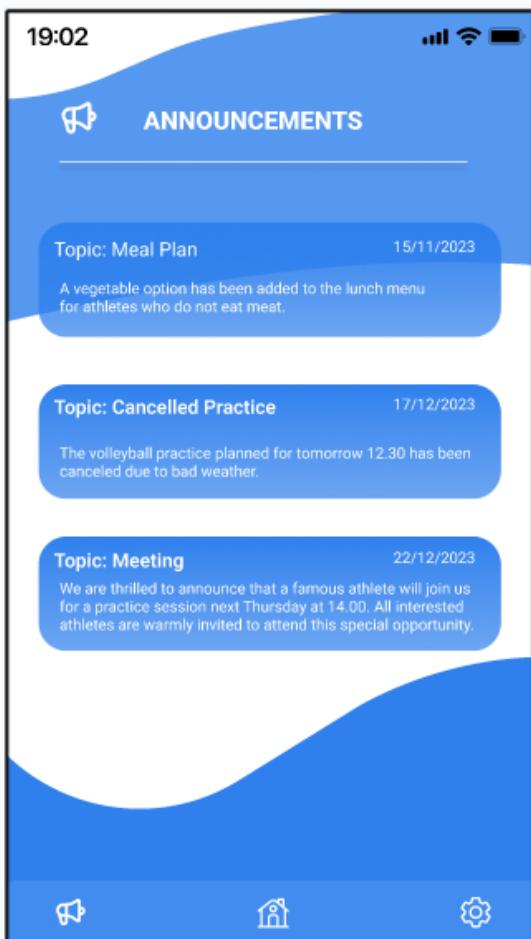
Taking Attendance - 1



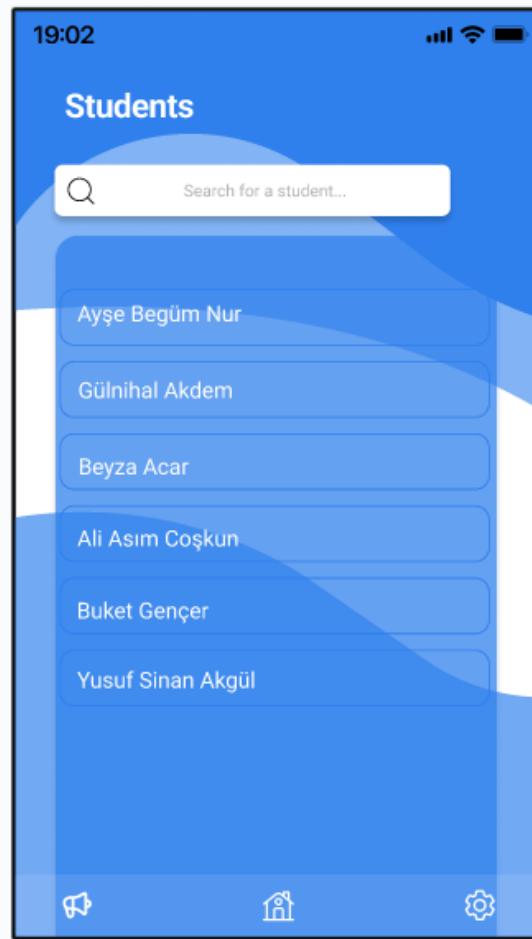
Taking Attendance - 2



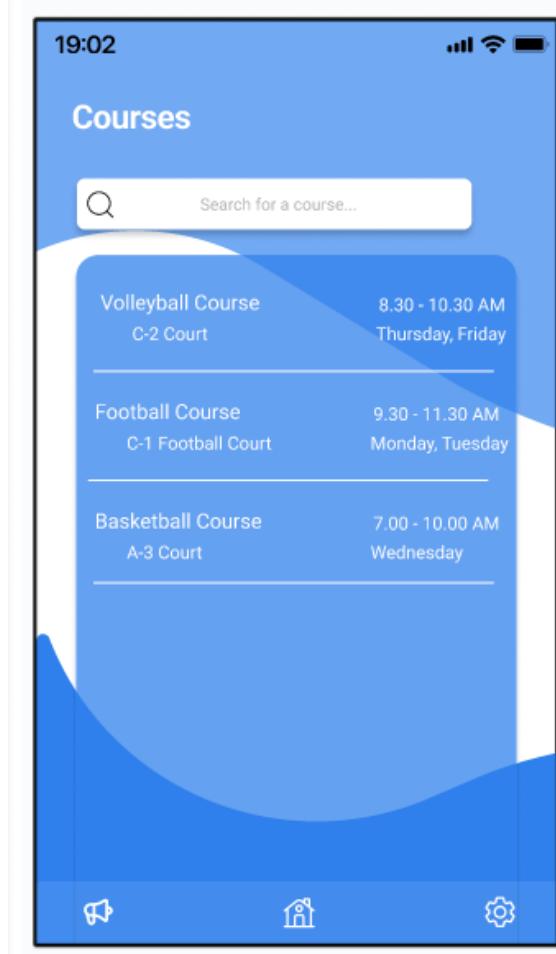
Announcements



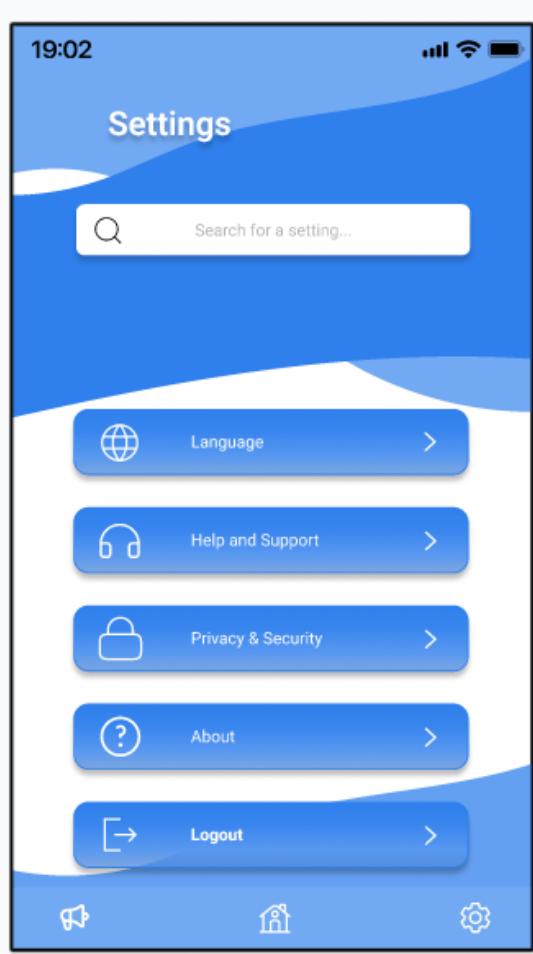
Listing Students



Listing Courses



Settings



Members of Team

Name	Student ID
Gülnihal AKDEM	1901042253
Ali Asım COŞKUN	200104004067
Ayşe Begüm NUR	1901042613
Buket GENÇER	210104004298
Beyza ACAR	200104004065