



CSE 343 – Software Engineering

Fall 2023

Gebze Technical University



SportKids Application

Software Project Report 2

Prepared by Team Fork Off

Revision History

Name	Date	Reason for Changes	Version
Presentation 1	18.11.2023	Initial Version	1.0
Presentation 2	18.12.2023	Add Context and Process Model Add Sequential and Class Diagram and so on	2.0

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.

1) 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.

c. 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 pastpayments 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.

2. 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.

3. 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.

4. 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.

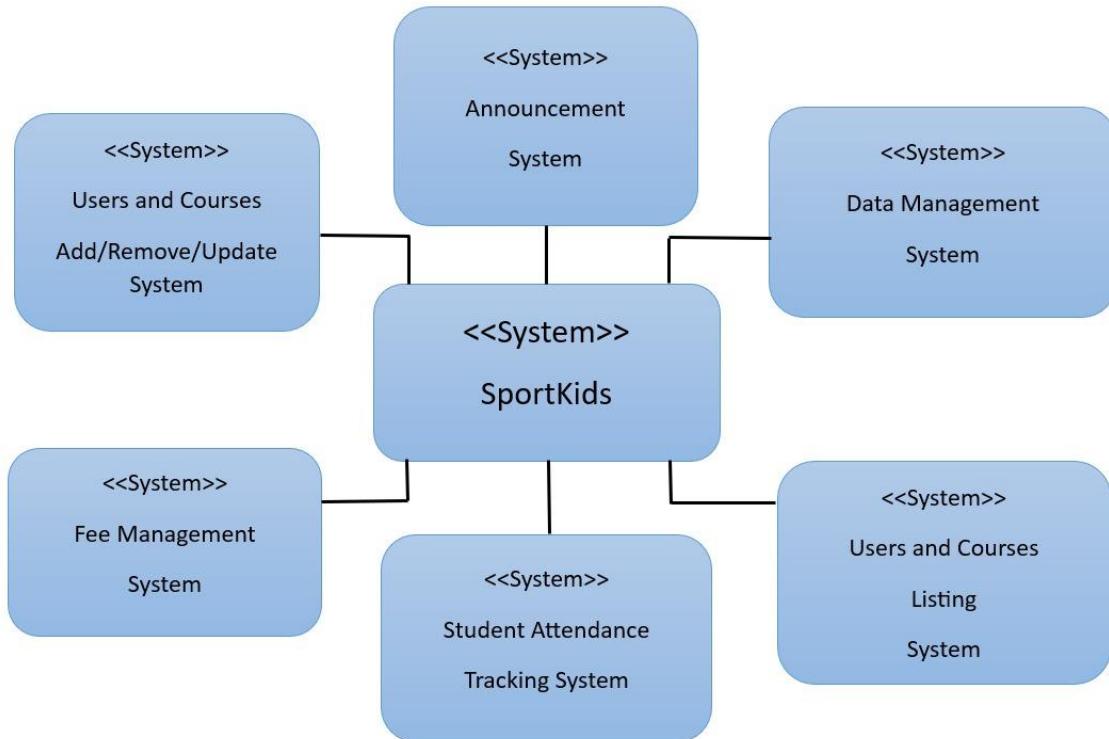
BACKLOG DOCUMENT

Issue	ID	Status	Priority	Assignee	Sprint
Dummy Simulated Graphical Interface via Figma (Mobile)	FO-23	Done	High	Ayse 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 COSKUN	FO Sprint 1
Do use case diagram(s) for the defined scenarios	FO-7	Done	High	Ali Asım COSKUN	FO Sprint 1
Learning to use Android Studio	FO-2	In Progress	High	Ali Asım COSKUN	FO Sprint 1
User story and its related scenarios	FO-6	Done	High	Buket GENCER	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 COSKUN	FO Sprint 1
System Requirements (Web)	FO-21	Done	High	Beyza ACAR	FO Sprint 1
System Requirements (Mobile)	FO-22	Done	High	Ali Asım COSKUN	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-3	Done	High	Beyza ACAR	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-4	Done	High	Gülnihal AKDEM	FO Sprint 1
Learning Kotlin	FO-5	Done	High	Buket GENCER	FO Sprint 1
Learning Figma and UI&UX Design	FO-26	Done	High	Ayse Begüm NUR	FO Sprint 1
Learning to use Android Studio	FO-31	Done	High	Buket GENCER	FO Sprint 1
Create the log in page (Web)	FO-42	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 2&3
Create the home page (Web)	FO-46	Done	High	Gülnihal AKDEM	FO Sprint 3
Learning the basic of the Database Management System	FO-59	In Progress	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 (Frontend)(Mobile)	FO-39	Done	High	Buket GENCER	FO Sprint 2
Create the home page (Frontend) (Mobile)	FO-57	Done	High	Buket GENCER	FO Sprint 3
Create about page (Web)	FO-47	Done	High	Gülnihal AKDEM	FO Sprint 3
Create contact us page (Web)	FO-48	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3
Admin can add/remove trainer	FO-9	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can add/remove parents	FO-11	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can add/remove child	FO-12	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can make announcements	FO-13	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4
Admin can add/remove course	FO-32	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can set payment status	FO-45	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4
Admin can list Parents	FO-33	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Children	FO-34	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Courses	FO-35	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5

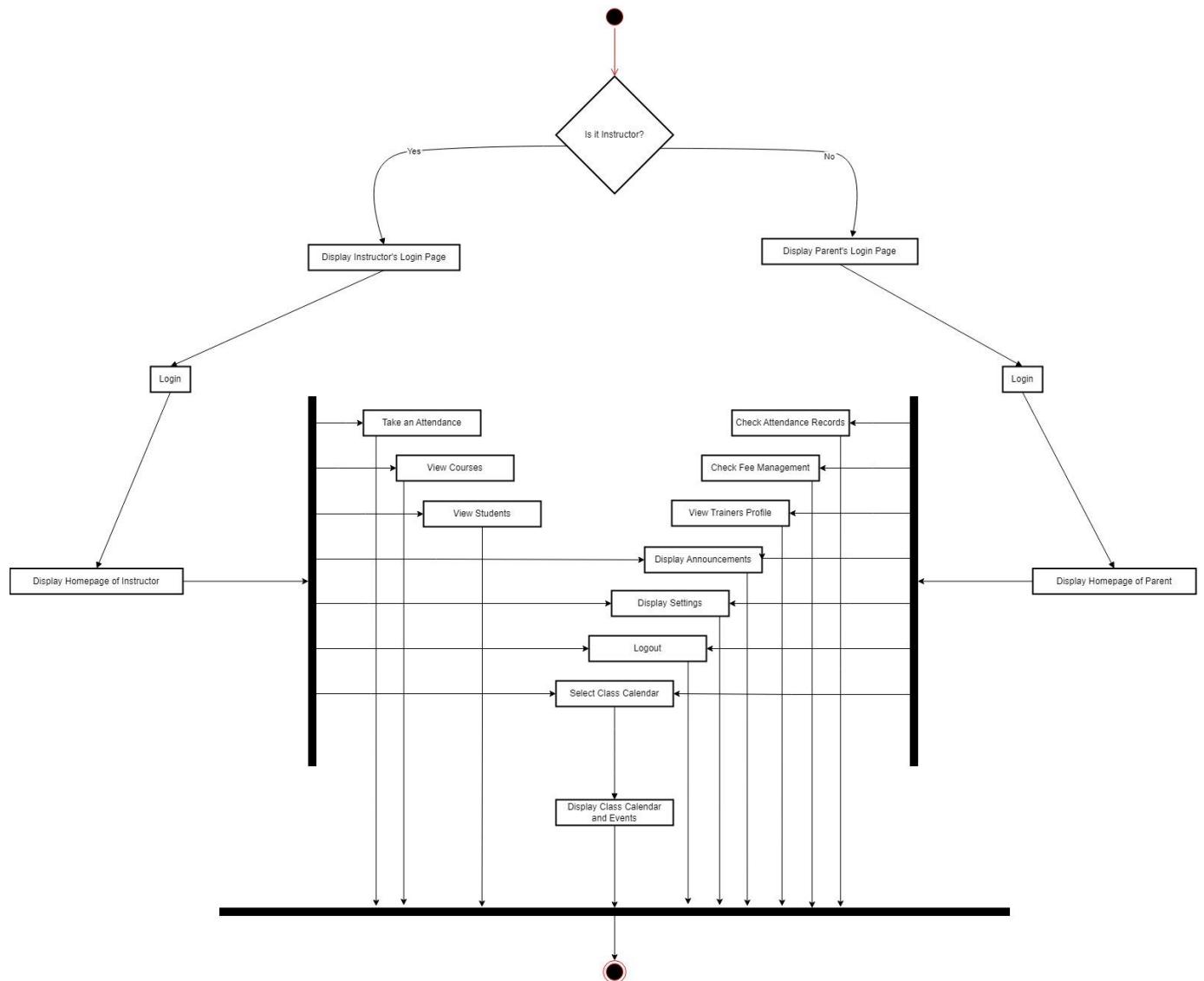
Admin can list Parents	FO-33	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Children	FO-34	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Courses	FO-35	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Instructor	FO-36	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can update the payment status for parents.	FO-10	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 5
Create Layout of "Take an Attendance" page (Mobile)	FO-49	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "View Course" page (Mobile)	FO-50	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "View Students" page (Mobile)	FO-51	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Class Calender" page (Mobile)	FO-27	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Settings" page (Mobile)	FO-41	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Announcements" page (Mobile)	FO-56	Done	High	Buket GENCER	FO Sprint 3&4
Create the log in page for Parent (Mobile)	FO-38	Done	High	Buket GENCER	FO Sprint 3&4
Create functionality of "Login parent" page (Mobile)	FO-39	Done	High	Ali Asım COSKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-40	Done	High	Ali Asım COSKUN	
Create functionality of "View Course" page (Mobile)	FO-41	Done	High	Ali Asım COSKUN	
Create functionality of "Class Calender" page (Mobile)	FO-42	Done	High	Ali Asım COSKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-43	Done	High	Ali Asım COSKUN	
Create functionality of "Announcements" page (Mobile)	FO-44	Done	High	Ali Asım COSKUN	
User can log in to system by using e-mail and password	FO-29	To do	High	Ali Asım COSKUN	
Trainer can list students	FO-14	In progress	High		FO Sprint 4
Trainer can take attendance	FO-15	In Progress	High		FO Sprint 3&4
Trainer can view own course schedule	FO-16	In Progress	High		FO Sprint 3&4
Trainer can view admin's announcements	FO-43	In Progress	High		FO Sprint 3&4
Parent can view trainer's profile	FO-17	In Progress	High		FO Sprint 3&4
Parent can view own child's attendance	FO-18	In Progress	High		FO Sprint 3&4
Parent can view own child's schedule	FO-19	In Progress	High		FO Sprint 3&4
Parent can view admin's announcements	FO-20	In Progress	High		FO Sprint 3&4
Search Bar in Web	FO-57	To do	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint4
Connecting my mobile application with Firebase	FO-58	In Progress	High	Ayşe Begüm Nur	FO Sprint 4
Create "Language" page (Mobile)	FO-52	To do	Medium		FO Sprint 4
Create "About" page (Mobile)	FO-53	To do	Medium		FO Sprint 4
Create "Help and Support" page (Mobile)	FO-54	To do	Medium		FO Sprint 4
Create "Privacy & Security" page (Mobile)	FO-55	To do	Medium	Ayşe Begüm Nur	FO Sprint 4
Create Layout of "Settings" page (Mobile)	FO-41	Done	High	Buket GENCER	
Create Layout of "Announcements" page (Mobile)	FO-56	Done	High	Buket GENCER	FO Sprint 3&4
Create the log in page for Parent (Mobile)	FO-38	Done	High	Buket GENCER	FO Sprint 2&3
Create functionality of "Login parent" page (Mobile)	FO-39	Done	High	Ali Asım COSKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-40	Done	High	Ali Asım COSKUN	
Create functionality of "View Course" page (Mobile)	FO-41	Done	High	Ali Asım COSKUN	
Create functionality of "Class Calender" page (Mobile)	FO-42	Done	High	Ali Asım COSKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-43	Done	High	Ali Asım COSKUN	
Create functionality of "Announcements" page (Mobile)	FO-44	Done	High	Ali Asım COSKUN	
User can log in to system by using e-mail and password	FO-29	To do	High		FO Sprint 4
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Parent can view trainer's profile	FO-17	In Progress	High		FO Sprint 3&4
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Parent can view admin's announcements	FO-20	In Progress	High		FO Sprint 3&4
Search Bar in Web	FO-57	To do	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint4
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Create "Language" page (Mobile)	FO-52	To do	Medium		FO Sprint 4
Create "About" page (Mobile)	FO-53	To do	Medium		FO Sprint 4
Create "Help and Support" page (Mobile)	FO-54	To do	Medium		FO Sprint 4
Create "Privacy & Security" page (Mobile)	FO-55	To do	Medium	Ayşe Begüm Nur	FO Sprint 4
Create "I forgot my password" page (Web)	FO-40	To do	Medium		FO Sprint 4
Push notifications	FO-41	To do	Medium		FO Sprint 4
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

UML DIAGRAM

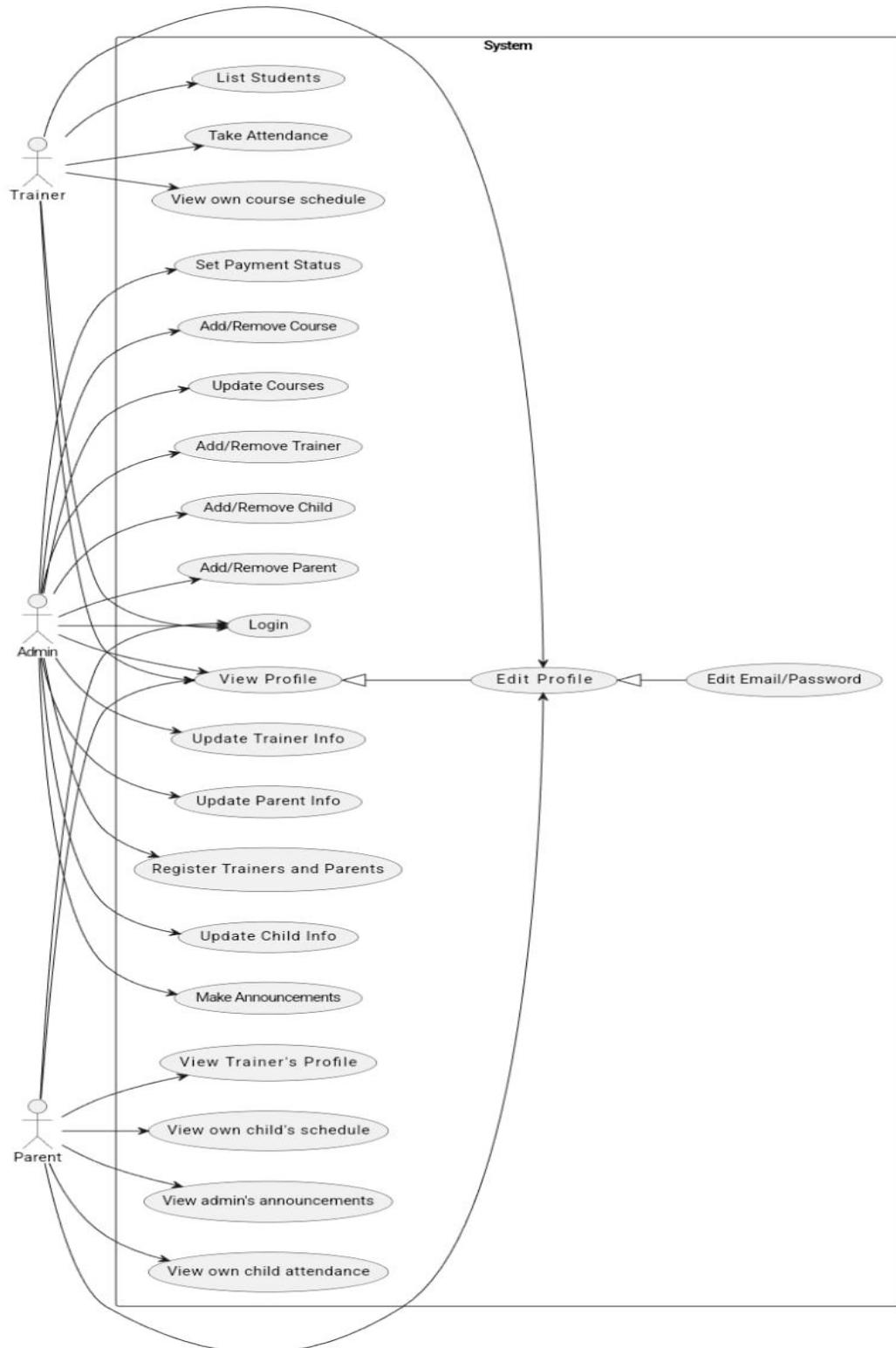
1) Context Model



2) Process Model



3) Use-Case Diagram



System	User Registration System
Use Case	Register
Actors	Admin
Data	Personal and contact information of trainers and parents, credentials for login (e.g., username, password)
Stimulus	Admin receives information from trainers and parents for the purpose of creating new user accounts.
Response	System creates new user accounts with the provided details and grants access levels appropriate to the roles (trainer or parent).
Comments	Challenges include verifying the authenticity of the information provided, ensuring the correct roles are assigned to the accounts, maintaining the privacy of personal data, and avoiding duplicate entries in the system.

System	User Authentication System
Use Case	Login
Actors	Admin, Trainer, Parent
Data	User credentials (e.g., username, password)
Stimulus	Actor inputs their credentials to access the system.
Response	System authenticates the user and grants access to their account.
Comments	Challenges may involve implementing secure password storage, protecting against brute force attacks, and providing a secure password recovery mechanism.

System	Course Management System
Use Case	View own course schedule
Actors	Trainer
Data	Course schedules, time slots, location information
Stimulus	Trainer logs in to view their upcoming courses and times.
Response	System displays the trainer's course schedule.
Comments	A challenge could be ensuring real-time accuracy and handling schedule changes or cancellations efficiently.

System	Communication System
Use Case	Make Announcements
Actors	Admin
Data	Announcement content, target audience
Stimulus	Admin needs to disseminate information to users.
Response	System posts announcement and notifies relevant users.
Comments	Challenges include managing the distribution lists, formatting announcements appropriately, and ensuring timely delivery.

System	Attendance Tracking System
Use Case	Take Attendance
Actors	Trainer
Data	Student attendance records
Stimulus	Trainer needs to record who is present in a session.
Response	System updates attendance records for the session.
Comments	Challenges involve accurately capturing attendance, synchronizing data across systems, and handling disputes or corrections.

System	Financial Management System
Use Case	Set Payment Status
Actors	Admin
Data	Payment records, course fees, payment status
Stimulus	Payment is made or needs to be updated in the system.
Response	System records the payment status as paid or unpaid.
Comments	Challenges include securing financial data, integrating with payment gateways, and handling transaction failures.

System	Course Management System
Use Case	Add/Remove Course
Actors	Admin
Data	Course details (e.g., title, description, schedule)
Stimulus	A new course needs to be added or an existing course needs to be removed.
Response	System updates the course listings accordingly.
Comments	Challenges involve ensuring data integrity, updating related schedules, and notifying affected users.

System	Human Resources System
Use Case	Add/Remove Trainer
Actors	Admin
Data	Trainer profiles, employment status
Stimulus	Hiring or termination of a trainer.
Response	System updates the list of active trainers.
Comments	Challenges include managing role-based access control, updating course assignments, and maintaining current trainer information.

System	Student Management System
Use Case	Add/Remove Child
Actors	Admin, Parent
Data	Student profiles, enrollment status
Stimulus	A parent enrolls or unenrolls their child from the system.
Response	System updates the enrollment records.
Comments	Challenges include handling data privacy, processing enrollments correctly, and managing notifications to parents and trainers.

System	Family Account Management System
Use Case	Add/Remove Parent
Actors	Admin
Data	Parent profiles, family relationships
Stimulus	A parent's profile needs to be created or removed from the system.
Response	System updates the family accounts accordingly.
Comments	Challenges involve ensuring accurate family groupings, managing user permissions, and maintaining data security.

System	Student Information System
Use Case	List Students
Actors	Trainer
Data	List of students enrolled in a course
Stimulus	Trainer needs to view or manage their class list.
Response	System provides a list of students for a particular course.
Comments	Challenges include keeping the list up-to-date, handling data privacy, and ensuring easy access for trainers.

System	Profile Management System
Use Case	View Trainer's Profile
Actors	Parent
Data	Trainer's professional profile information
Stimulus	Parent wants to learn more about a trainer.
Response	System displays the trainer's professional qualifications and background.
Comments	Challenges may include maintaining up-to-date information and ensuring only appropriate data is visible to parents.

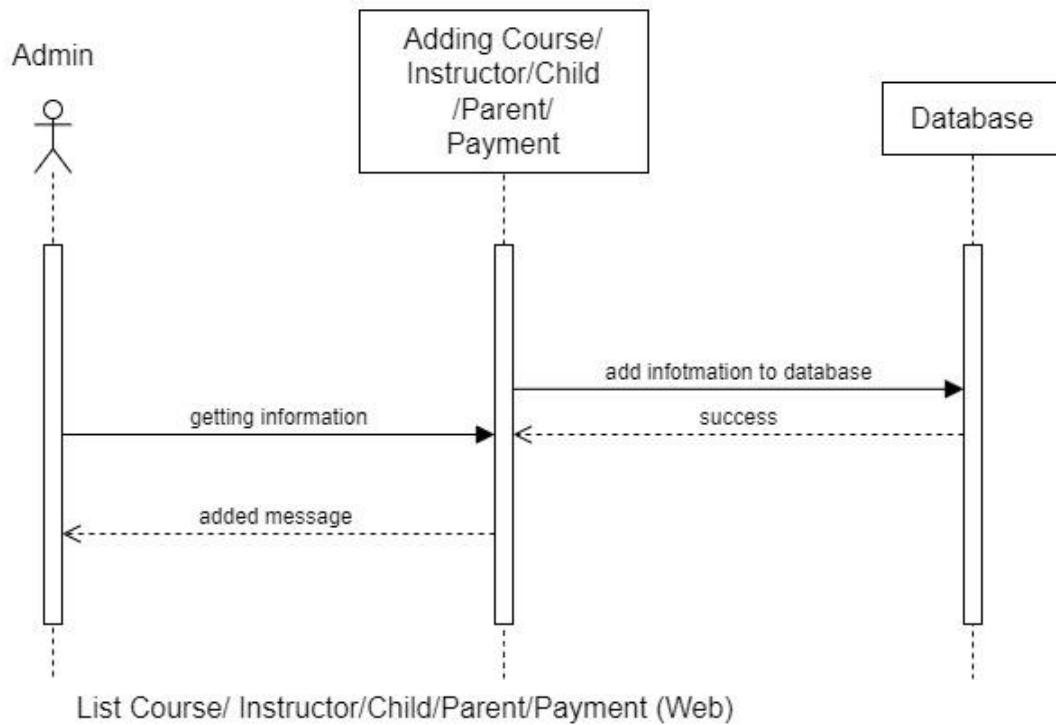
System	Student Scheduling System
Use Case	View own child's schedule
Actors	Parent
Data	Child's class schedule and related events
Stimulus	Parent wants to check their child's class times and dates.
Response	System shows the schedule specific to the parent's child.
Comments	Challenges include real-time updates, managing changes or cancellations, and user-friendly calendar views.

System	Communication System
Use Case	View admin's announcements
Actors	Parent, Trainer
Data	Announcements from the admin
Stimulus	New announcements are posted by the admin.
Response	System displays new announcements to parents and trainers.
Comments	Challenges may include filtering relevant announcements and ensuring timely and effective communication.

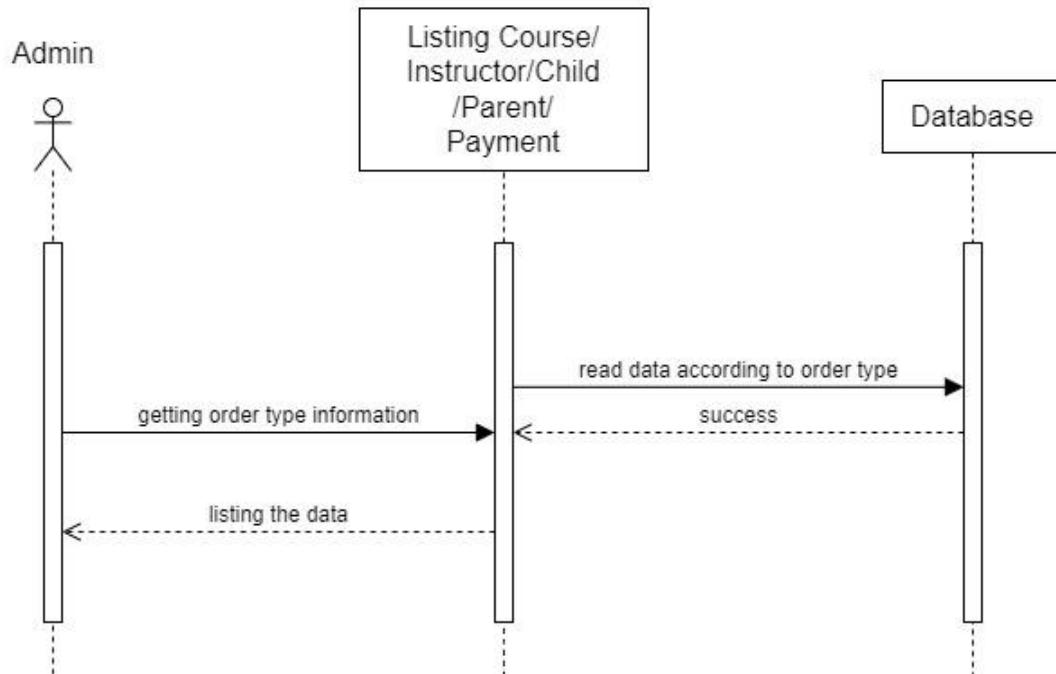
System	Attendance Monitoring System
Use Case	View own child attendance
Actors	Parent
Data	Child's attendance records
Stimulus	Parent wants to monitor their child's attendance.
Response	System provides attendance data for the parent's child.
Comments	Challenges involve accuracy of the attendance data, privacy considerations, and user-friendly reporting.

4) Sequence Diagram

Adding Course/ Instructor/Child/Parent/Payment (Web)

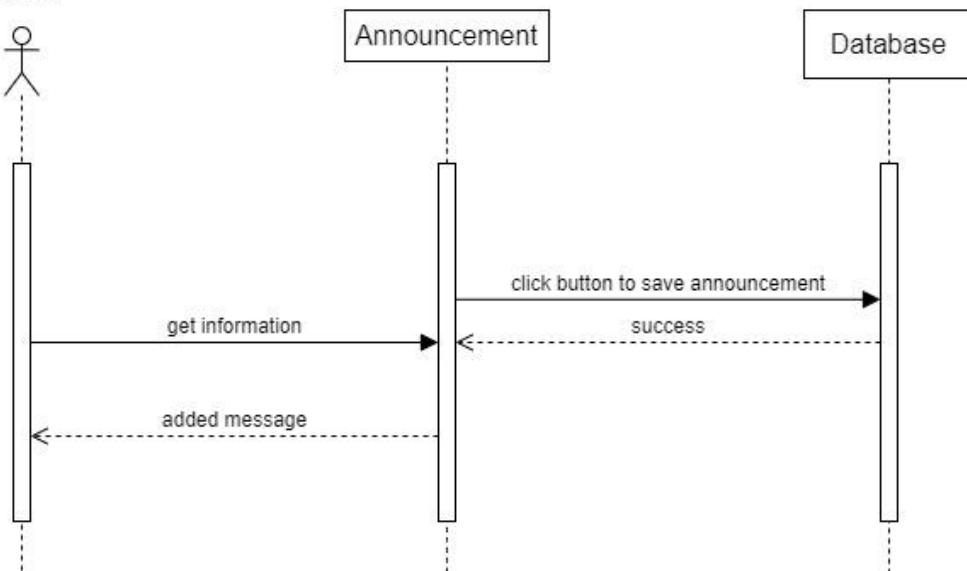


List Course/ Instructor/Child/Parent/Payment (Web)



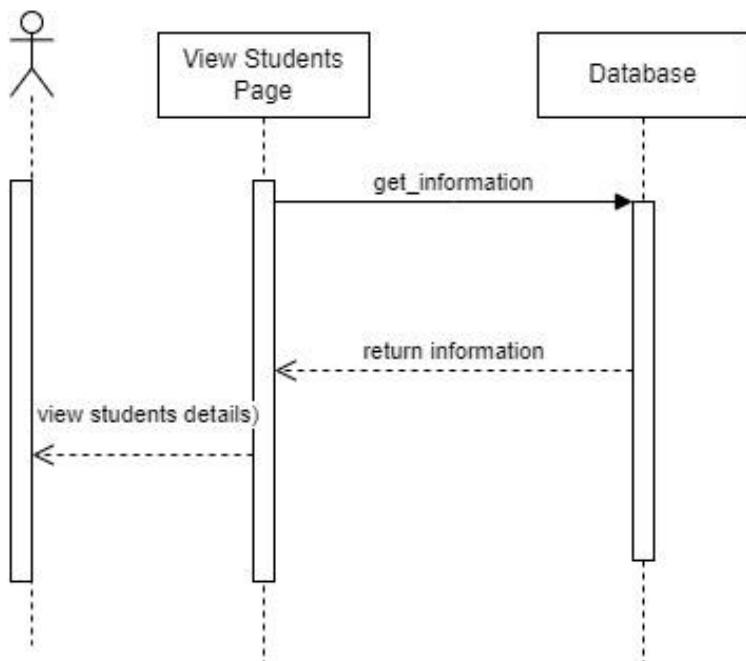
Sequence Diagram to Make Announcement

Admin



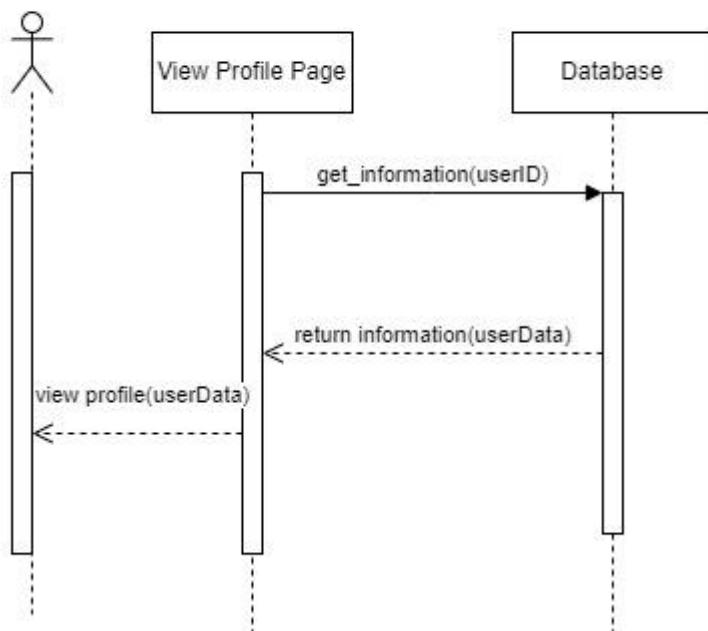
Sequence Diagram for View Students Page

Trainer



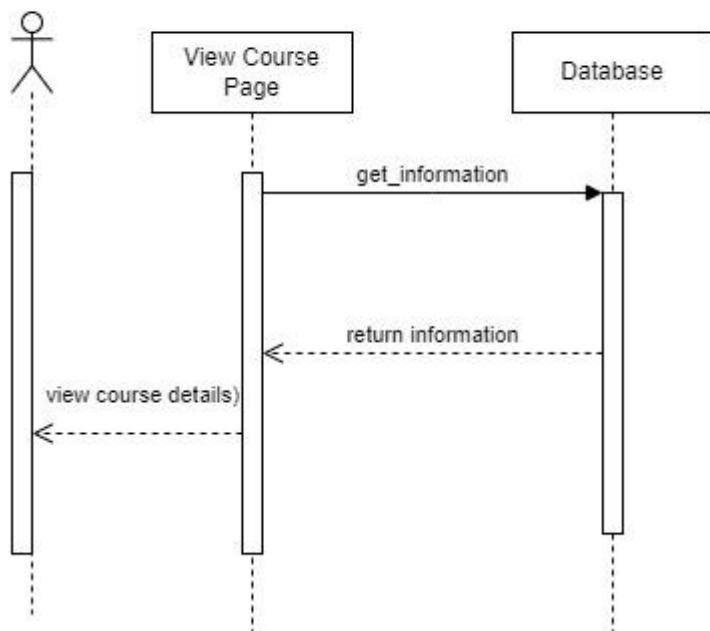
Sequence Diagram for View Trainers Profile Page

Parent



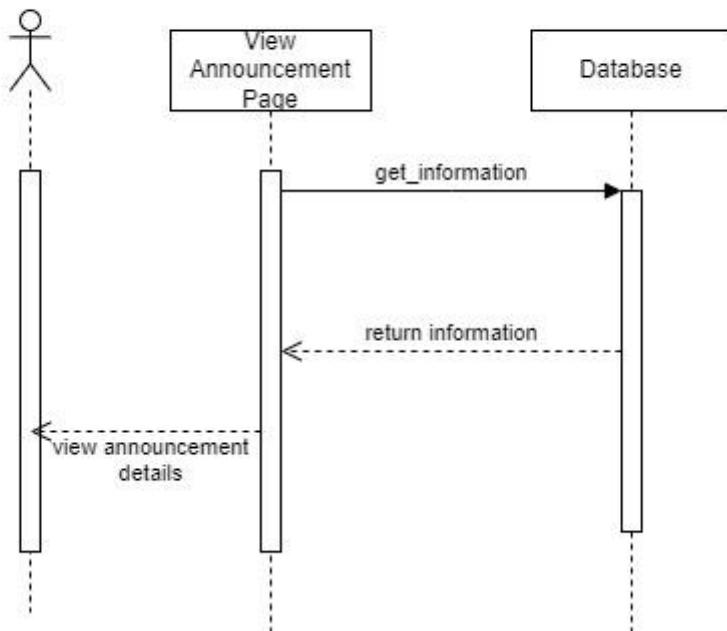
Sequence Diagram for View Course Details Page

Trainer

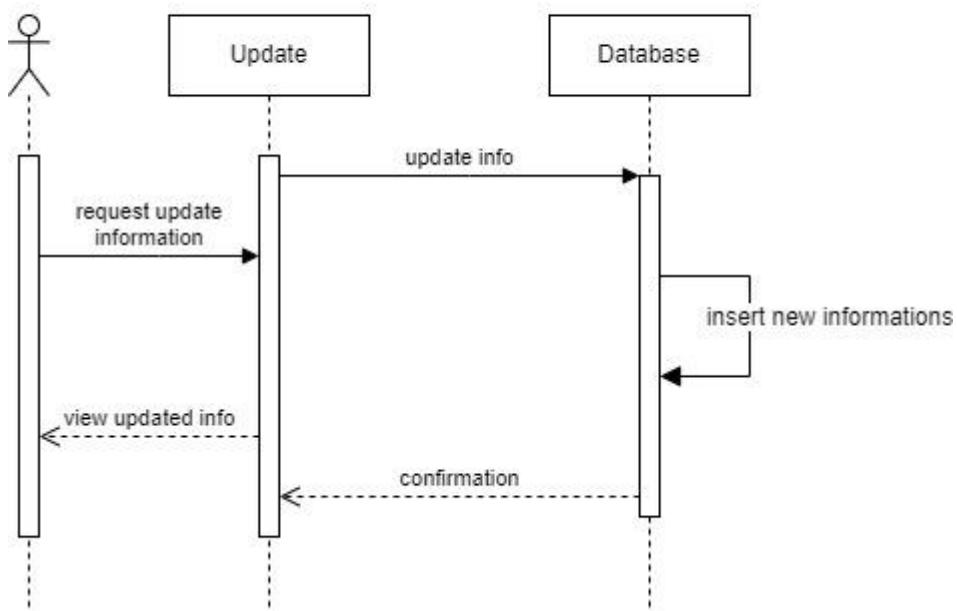


Sequence Diagram for View Announcement Page(Mobile)

Trainer/Parent

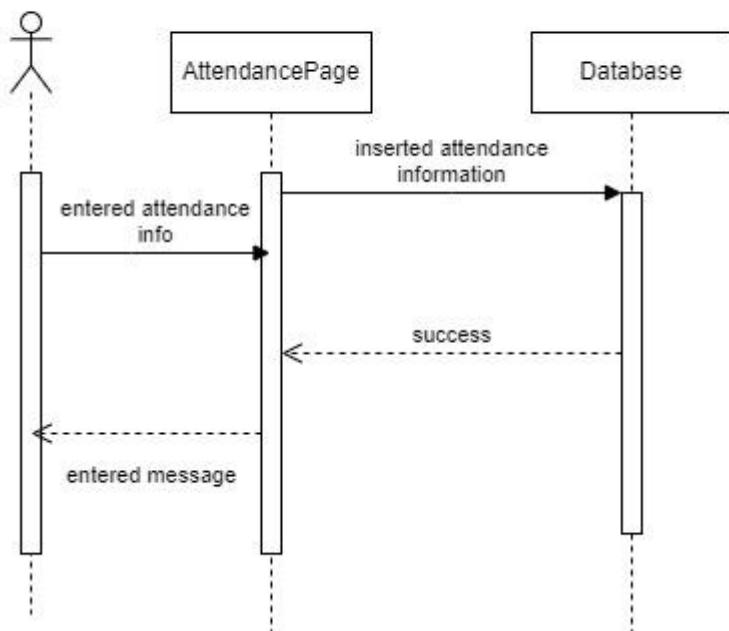


Sequence Diagram for Updating



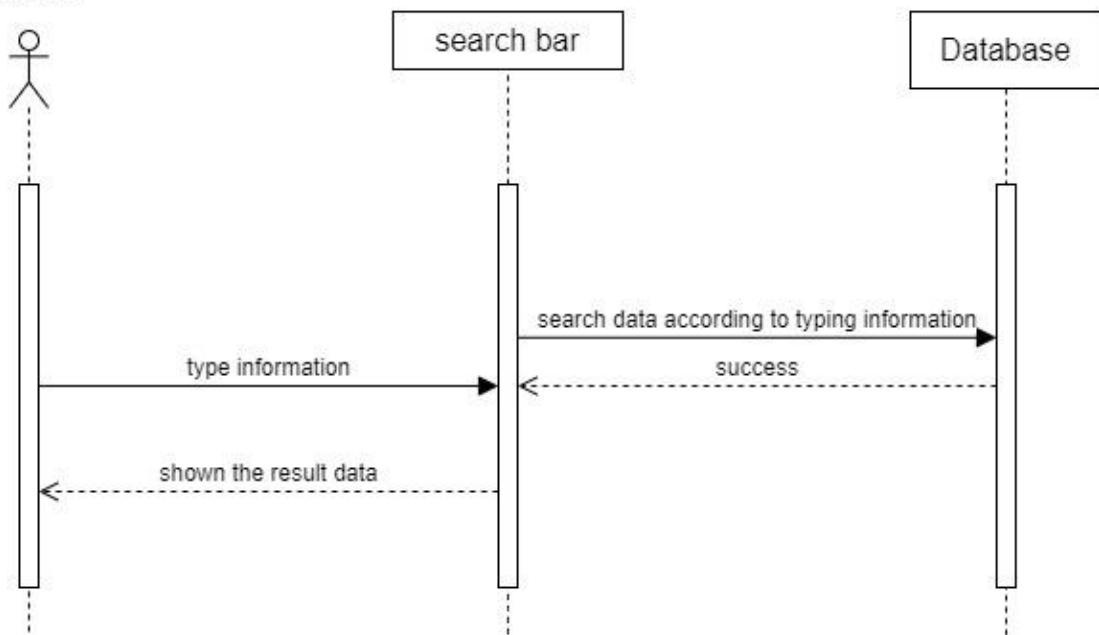
Sequence Diagram for Take Attendance (Mobile)

Trainer

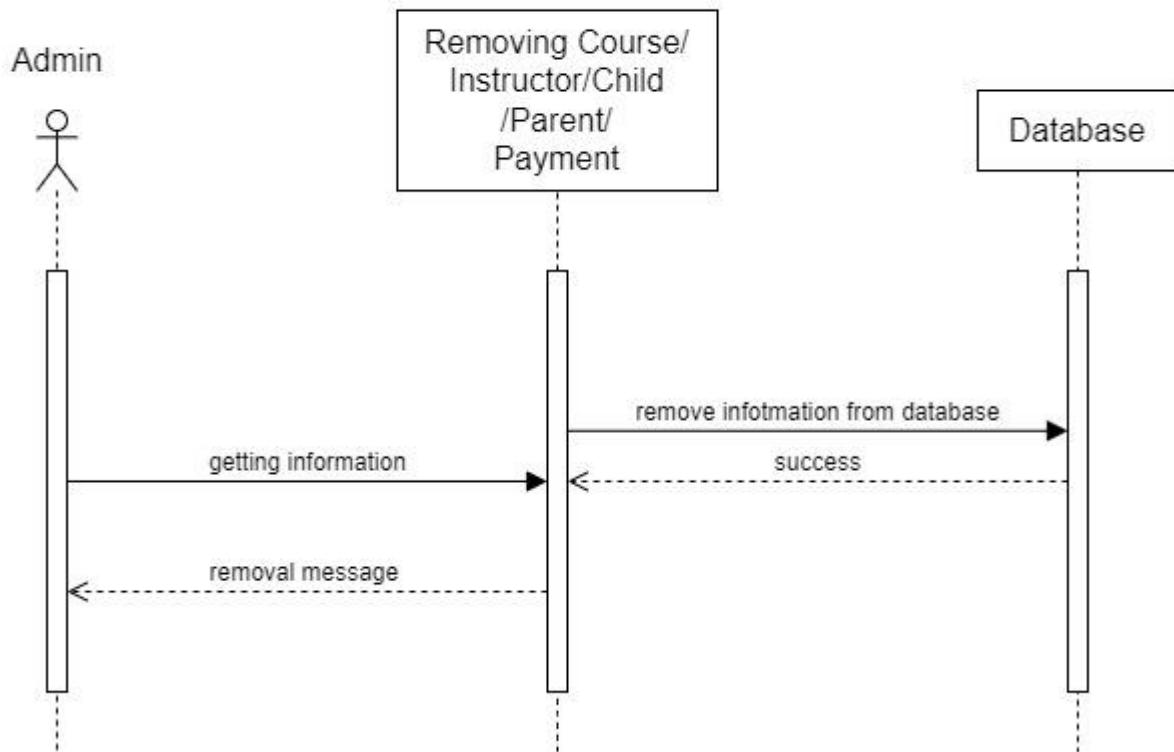


Sequence Diagram for search Bar

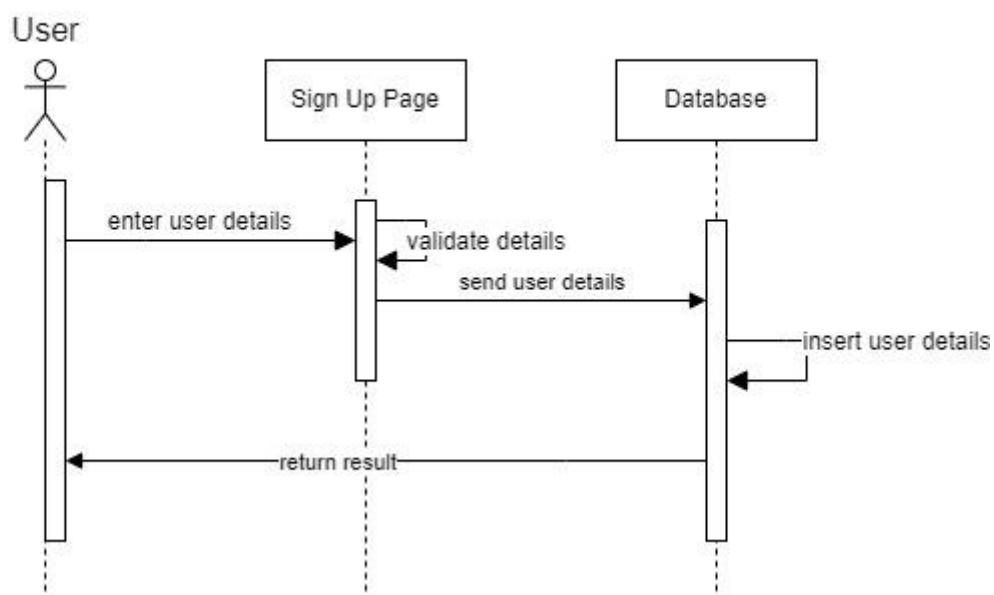
Admin



Remove Course/ Instructor/Child/Parent/Payment (Web)

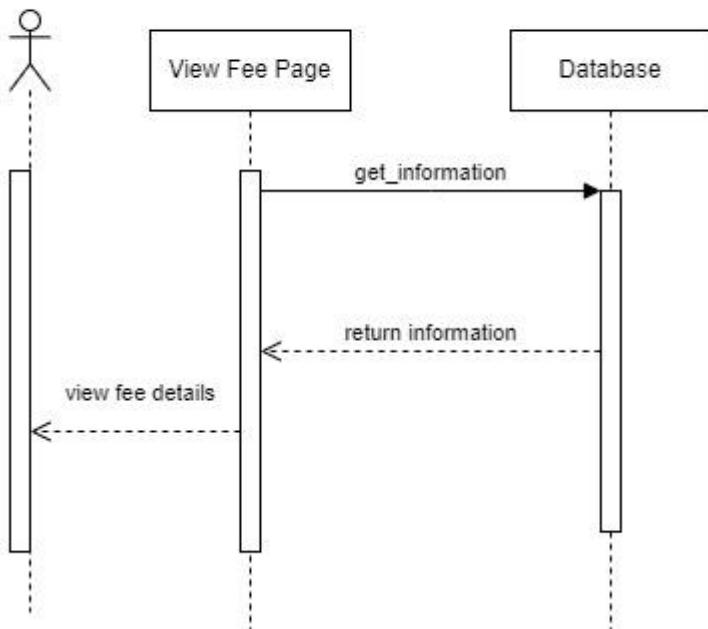


Sequence Diagram for Sign up (Parents and Trainers on Mobile Application)

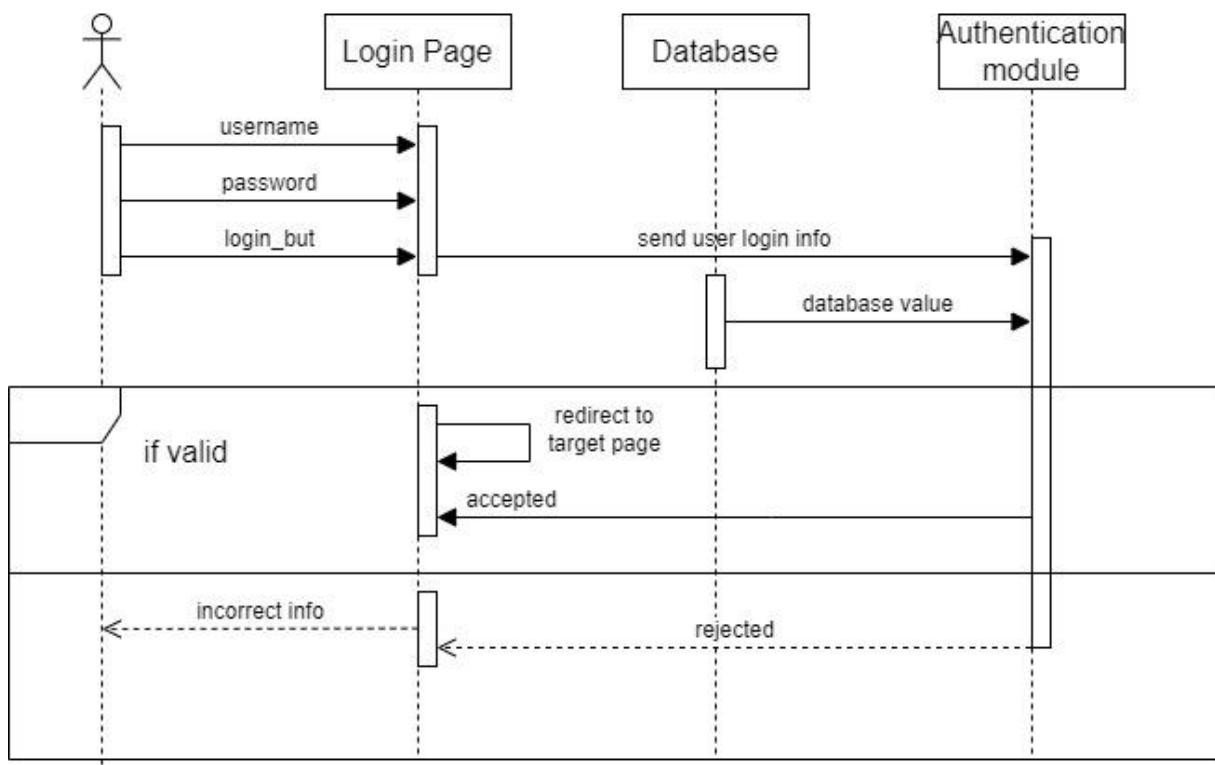


Sequence Diagram for View Fee Page(Mobile)

Parent

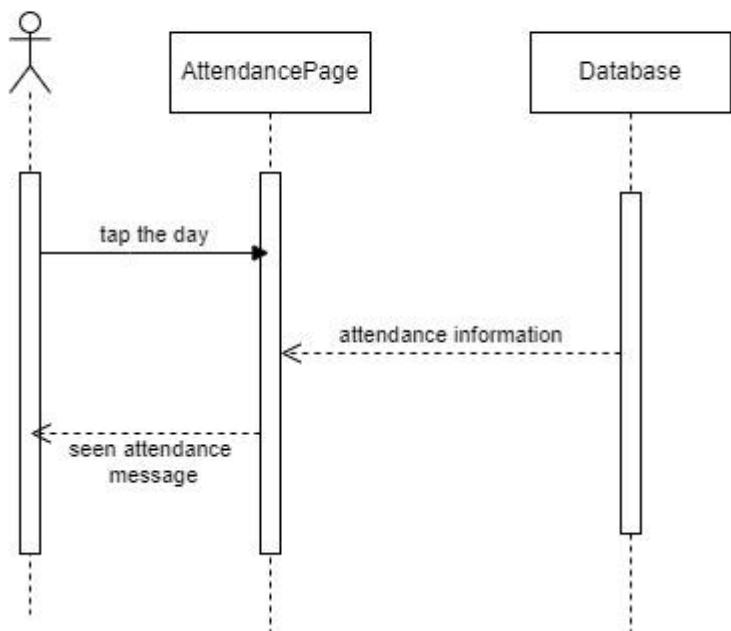


Users

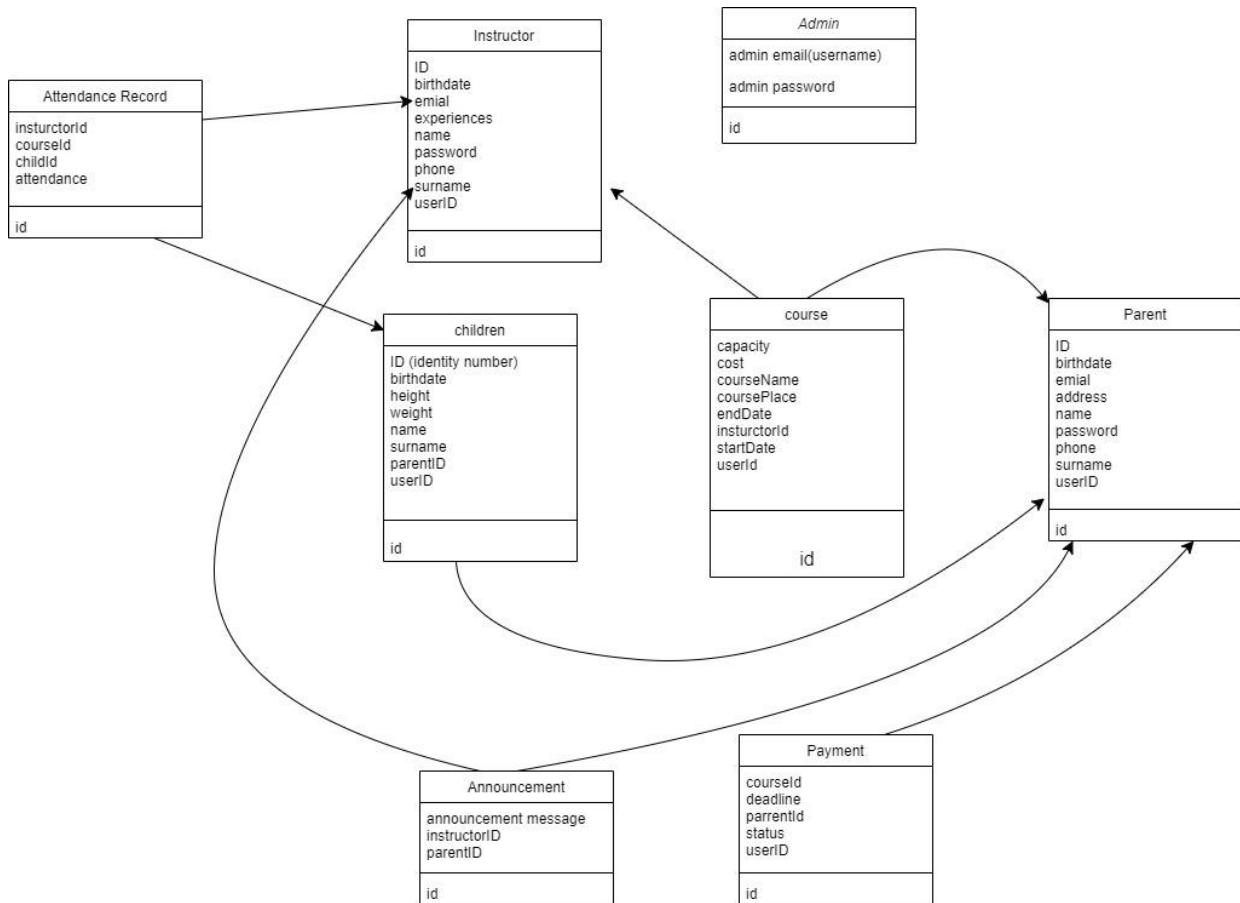


Sequence Diagram for Attendance Record (Mobile)

Parent



5) Class Diagram



Working Graphical Interface

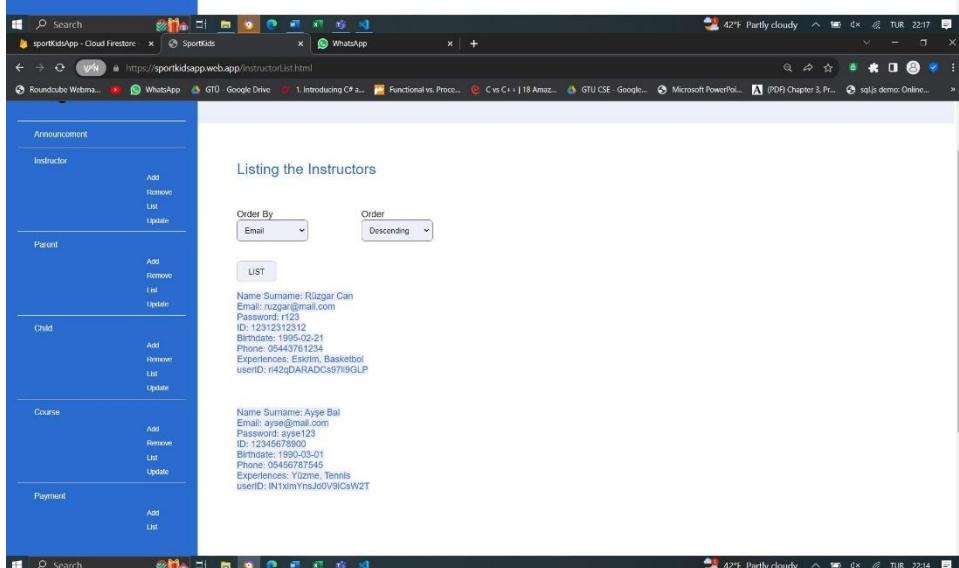
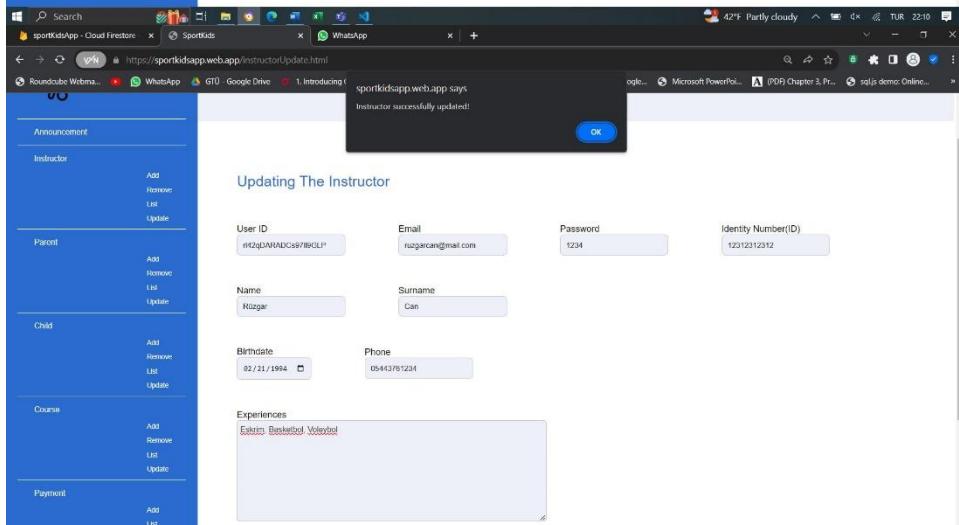
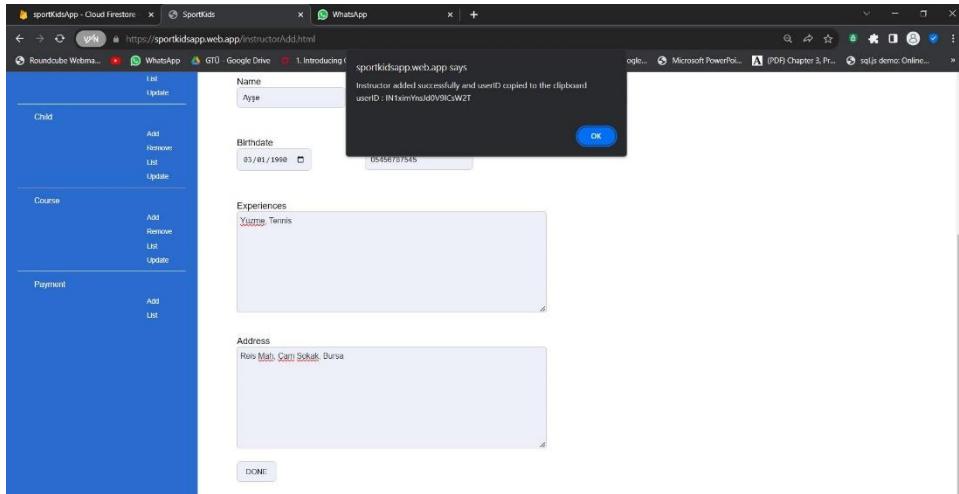
Web

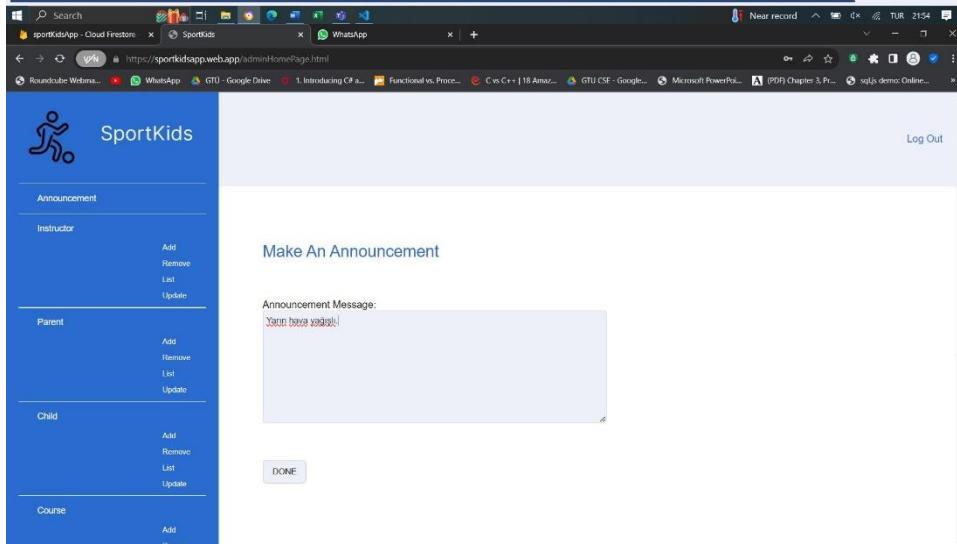
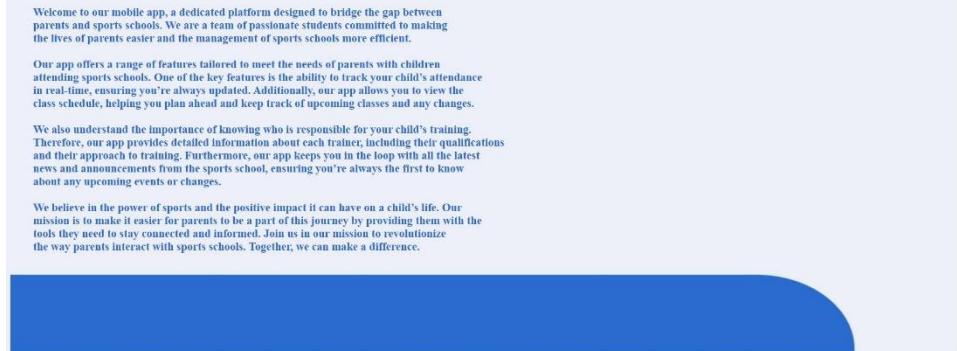
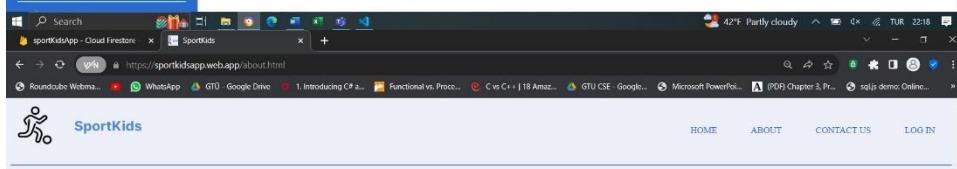
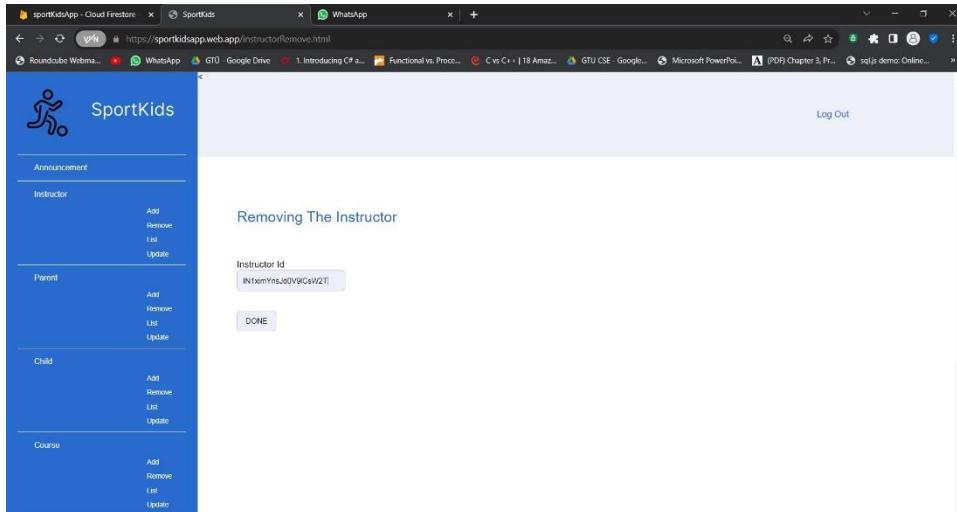
The screenshot shows a web-based application interface for managing users and courses. The left sidebar navigation includes:

- Announcement**
- Instructor** (selected)
- Parent**
- Child**
- Course**
- Payment**

The main content area displays a form titled "Adding The Instructor" with the following fields:

Email	Password	Identity Number(ID)
ayse@mail.com	ayse123	12345678900
Name	Surname	
Ayşe	Esi	
Birthdate	Phone	
03/01/1990	05456787546	
Experiences		
Yüzme, Tenis		



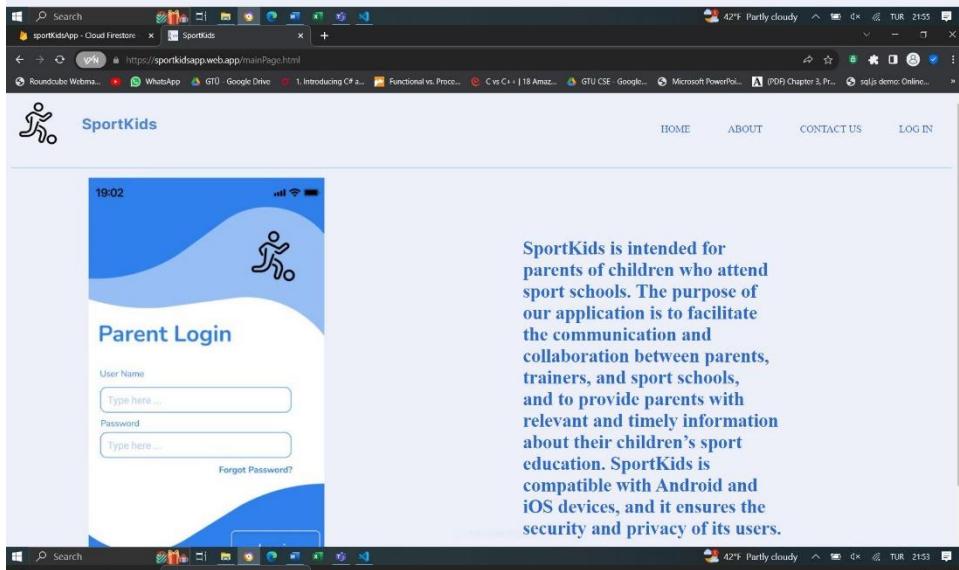


sportkidsapp - Cloud Firestore SportKids

<https://sportkidsapp.web.app/contactUs.html>

Roundcube Webmail... WhatsApp GTÜ Google Drive 1. Introducing C# a... Functional vs. Proce... C vs C++ | 18 Amaz... GTU CSE Google... Microsoft PowerPo... [PDF] Chapter 3, Pr... sqljs demo: Online...

The screenshot shows a contact form on a web browser. It includes fields for Name (gül), Surname (ak), Phone (05012453628), E-mail (gul@mail.com), and a Message area containing the text "Otele hakkında bilgi almak istiyorum". There is also a "DONE" button at the bottom.



Search 42°F Partly cloudy 21:53

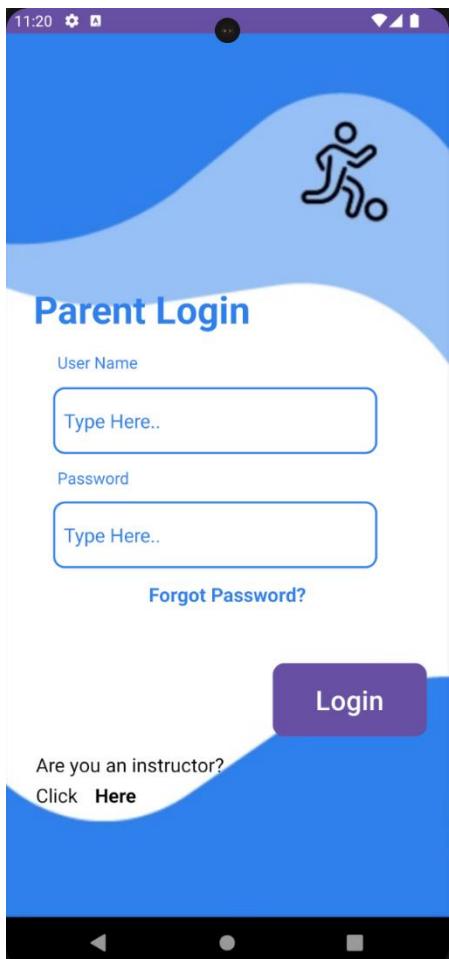
sportkidsapp - Cloud Firestore SportKids

<https://sportkidsapp.web.app/login.html>

Roundcube Webmail... WhatsApp GTÜ Google Drive 1. Introducing C# a... Functional vs. Proce... C vs C++ | 18 Amaz... GTU CSE Google... Microsoft PowerPo... [PDF] Chapter 3, Pr... sqljs demo: Online...

The screenshot shows the login form for the SportKids application. It has fields for "Username" (admin@gmail.com) and "Password" (----), and a "Log In" button.

Mobile



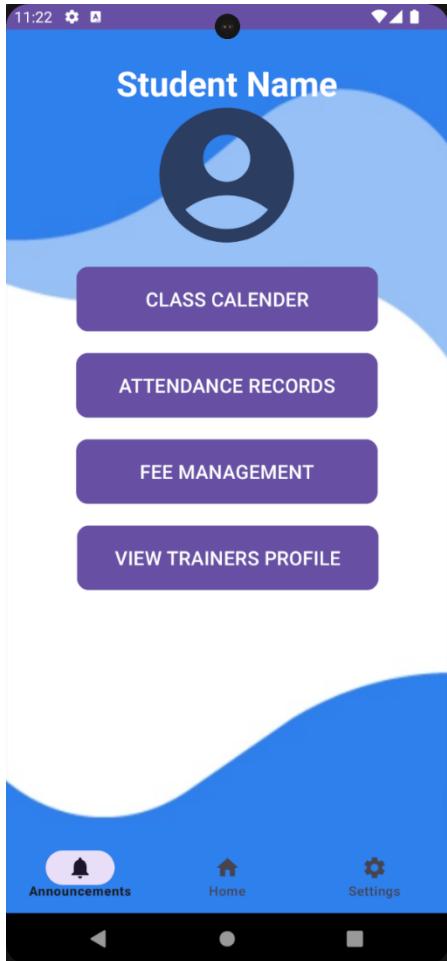
>> parent login



>> wrong Input parent



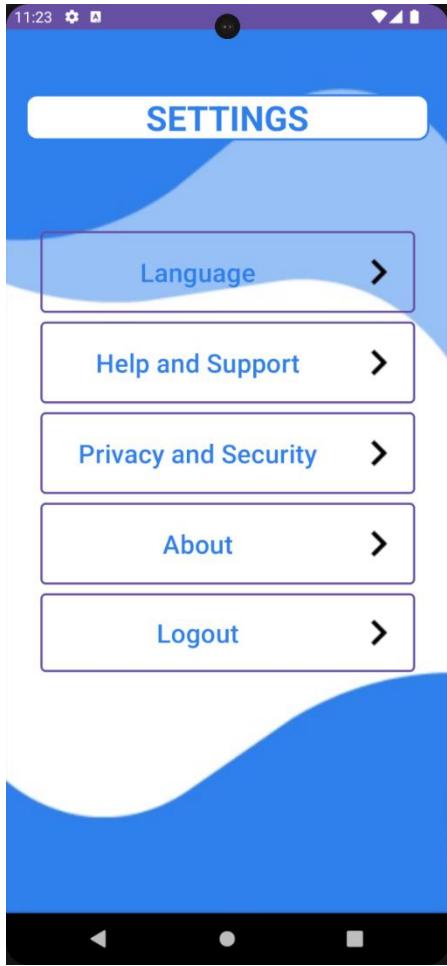
>>instructor login



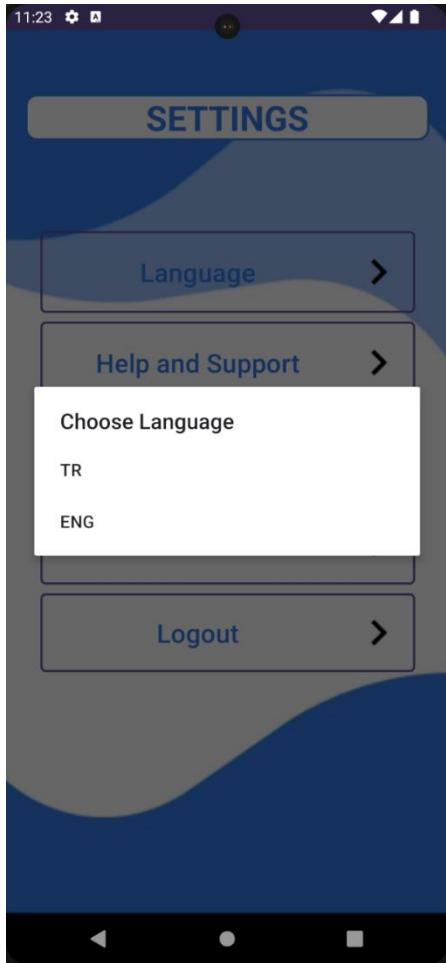
>> home page



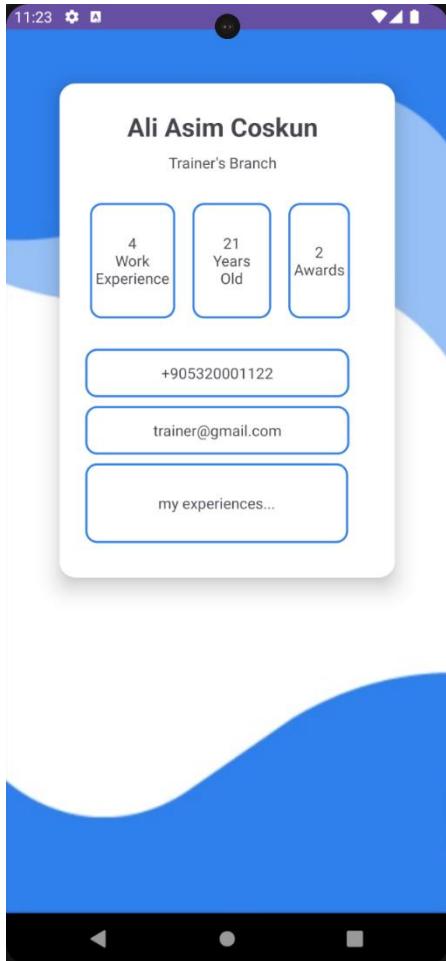
>> announcements



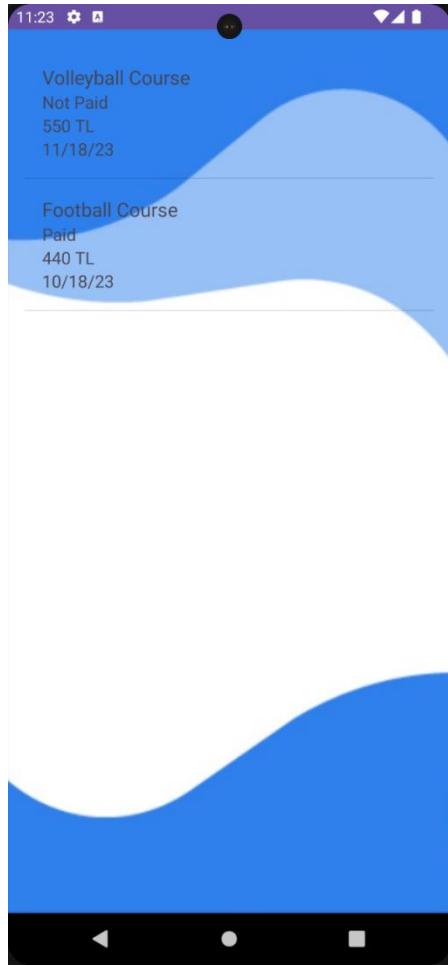
>> settings



>> settings



>>view trainer's profile



>>payments



>> attendance records



>>attendance records



>> class calender

Test Report

Platform Details
Project URL: https://sportkidsapp.web.app/
Database: Firestore Database
Server: Google Cloud

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 childs list "Removed" pop-up is displayed	passed
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	passed
TEST CASE 20 Admin wants to make an announcements	Admin clicks the "Announcements" button Admin enters the announcement that is wanted to make Admin clicks "Done" button	A pop-up page is displayed to take the announcement input The announcement is added to announcement list to be viewed by parents "Announcement is sent" pop-up is displayed	progress
TEST CASE 21 Admin marks a payment as unpaid	Admin clicks the "Payment" button Enters the appropriate infos about the payment and sets status as "unpaid" Sets payment as unpaid	When "Payments" button is clicked, a pop-up page is displayed which takes the informations The payment is added to the parent's payments list A pop-up page is displayed written "Payment information is saved"	passed
TEST CASE 22 Admin marks a payment as paid	Admin clicks the "Payments" button Enters the appropriate infos about the payment and sets status as "paid" Sets payment as paid	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 A pop-up page is displayed written "Payment information is saved"	passed
TEST CASE 23 Admin wants to view the payments list	Admin clicks the "List Payments" button	The list of all the payments are displayed	progress
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	non
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	non
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	non
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	non
TEST CASE 28 Admin forgot to add status while adding a payment	Admin clicks add button without setting the status of payment (paid/unpaid)	Error alerted in the web page : "Please set the status". And form is reset	passed
TEST CASE 29 Admin enters a wrong parent ID while adding a payment	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with wrong parent id	An error is alerted on the web page: "Parent is not found". Form is reset	passed
TEST CASE 30 Admin enters a wrong course ID while adding a payment	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with wrong course id	An error is alerted on the web page: "Course is not found". Form is reset	passed
TEST CASE 31 Admin enter wrong deadline while adding a course	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with a past deadline	An error is alerted on the web page: "Deadline should be after today ". Form is reset	passed
TEST CASE 32 Admin enters a wrong instructor ID while adding a course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong instructor ID	An error is alerted on the web page: "Instructor is not found". Form is reset	passed
TEST CASE 33 Admin enters a course name that includes numbers	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong course name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 34 Admin enters a capacity outside the limits	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong capacity value	An error is alerted on the web page: "Capacity should be between 10 and 100". Form is reset	passed
TEST CASE 35 Admin enters a past start date for the course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with past start date	An error is alerted on the web page: "Start date should be after today". Form is reset	passed
TEST CASE 36 Admin enters a past end date for the course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with past end date	An error is alerted on the web page: "End date should be after today". Form is reset	passed
TEST CASE 37 Admin enters the start date that is newer than the end date.	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with a newer end date from start date	An error is alerted on the web page: "End date can not be before start date". Form is reset	passed
TEST CASE 38 Admin enters a cost outside the limits	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with a cost outside the limits	An error is alerted on the web page: "Cost should be ** and **". Form is reset	passed
TEST CASE 39 Admin enters a wrong course ID while removing a course	Admin clicks "Remove Course" button from the left bar Admin clicks "Done" button with a wrong courseID	An error is alerted on the web page: "Course is not found". Form is reset	passed

TEST CASE 40 Admin do not choose an option from List Course "Order by" option	Admin clicks "List Course" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 41 Admin do not choose an option from List Course "Order" option	Admin clicks "List Course" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
----- a wrong instructor ID while updating a course rbook last saved: Just now	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong instructor ID	An error is alerted on the web page: "Instructor is not found". Form is reset	passed
TEST CASE 43 Admin enters a wrong course ID while updating a course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong course ID	An error is alerted on the web page: "Course is not found". Form is reset	passed
TEST CASE 44 Admin enters a past start date for the course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with past start date	An error is alerted on the web page: "Start date should be after today". Form is reset	passed
TEST CASE 45 Admin enters a past end date for the course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with past end date	An error is alerted on the web page: "End date should be after today". Form is reset	passed
TEST CASE 46 Admin enters the start date that is newer than the end date.	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with a newer end date from start date	An error is alerted on the web page: "End date can not be before start date". Form is reset	passed
TEST CASE 47 Admin enters a course name that includes numbers	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong course name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 48 Admin enters a capacity outside the limits	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong capacity value	An error is alerted on the web page: "Capacity should be between 10 and 100". Form is reset	passed
TEST CASE 49 Admin enters a wrong parent ID while adding a course	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong parent ID	An error is alerted on the web page: "Parent is not found". Form is reset	passed
TEST CASE 50 Admin enters a child name that includes numbers	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 51 Admin enters a child surname that includes numbers	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong surname	An error is alerted on the web page: "Surname can not include numbers". Form is reset	passed
TEST CASE 52 Admin tries to enter a child id that includes non-digit characters	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong id number	The html page does not allow to enter non-digit characters	passed
TEST CASE 53 Admin tries to enter a child id that includes different than 11 digit	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong id number	An error is alerted on the web page: "ID should be 11 digits". Form is reset	passed
TEST CASE 54 Admin tries to enter a child whose age is over 18	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong birthdate	An error is alerted on the web page: "Age should be between 3 and 18". Form is reset	passed
TEST CASE 55 Admin tries to enter a child whose age is under 3	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong birthdate	An error is alerted on the web page: "Age should be between 3 and 18". Form is reset	passed
TEST CASE 56 Admin tries to enter a child whose weight is under 10 kg	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong weight value	Error: "Weight should be between 10 and 100 kg". Form is reset	passed
TEST CASE 57 Admin tries to enter a child whose weight is above 100 kg	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong weight value	Error: "Weight should be between 10 and 100 kg". Form is reset	passed
TEST CASE 58 Admin tries to enter a child whose height is above 200 cm	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong height value	Error: "Height should be between 50 and 200 cm". Form is reset	passed
TEST CASE 59 Admin tries to enter a child whose height is under 50 cm	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong height value	Error: "Height should be between 50 and 200 cm". Form is reset	passed

TEST CASE 60 Admin enters wrong childID while removing the child	Admin clicks "Remove Child" button Admin clicks "Done" button with wrong childID value	Error: "Child is not found". Form is reset	passed
TEST CASE 61 Admin do not choose an option from List Child "Order by" option	Admin clicks "List Child" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 62 Admin do not choose an option from List Child "Order" option	Admin clicks "List Child" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 63 Admin do not choose an option from List Parent "Order by" option	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 64 Admin do not choose an option from List Parent "Order" option	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 65 Admin do not choose an option from List Instructor "Order by" opt	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 66 Admin do not choose an option from List Instructor "Order" option	Admin clicks "List Instructor" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed

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	progress
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 reloaded (empty input part) "Username or password is wrong" error message is printed	passed
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 reloaded (empty input part) "Username or password is wrong" error message is printed	passed
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 App parent's homepage is displayed to the parent	passed
TEST CASE 5 Parent wants to check his/her own child's calender	Parent clicks the "Class Calender" button	Calender page is displayed to the parent	passed
TEST CASE 6 Parent wants to check his/her own child's attendence record	Parent clicks the "Attendance Record" button	Attendance record of the child is displayed to the parent	passed
TEST CASE 7 Parent wants to view upcoming payments	Parent clicks the "Fee Managament" button	Upcoming payments page is displayed to the parent	passed
TEST CASE 8 Parent wants to view trainer's profile			passed
TEST CASE 9 Parent wants to check the admin's announcement	Parent clicks the gramaphone icon on the below left	All the admins's announcements is displayed to the parent	passed
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 Parent chooses her/his preffered language and clicked it	Setting page is displayed Language options are displayed App's language is changed	progress
TEST CASE 11 Parent needs support about the usage of the app	Parent clicks the gear icon on the below right Parent clicks "Help and Support" button	Setting page is displayed Parent is redirected to help and support webpage Help and Support page is displayed	progress
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	non
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	progress
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	passed
TEST CASE 15 Instructor enters the app	Instructor downloads the app and opens	App log in page is displayed to the instructor	passed
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	passed
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 reloaded (empty input part) "Username or password is wrong" error message is printed	passed
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 reloaded (empty input part) "Username or password is wrong" error message is printed	passed
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 App parent's homepage is displayed to the Instructor	passed
TEST CASE 20 Instructor wants to check his/her class calender	Instructor clicks the "Class Calender" button	Class calender is displayed	non
TEST CASE 21 Instructor takes attendence of his/her class	Instructor clicks "Take an attendance" button Instructor choose the class Instructor marks "Absent" or "Present" each children by clicking buttons When instructor finished taking attendance, switches the button at the bottom right	All classes of the instructor is displayed to the instructor The children who take that class are listed When the button at the bottom right is switched, "Attendance Taken" pop-up is displayed.	non
TEST CASE 22 Instructor wants to view his/her courses	Instructor clicks "View Courses" button	Courses given by that instructor are listed	non
TEST CASE 23 Instructor wants to view his/her students	Instructor clicks "View Students" button	All students of the instructor are listed	non
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 Instructor chooses her/his preffered language and clicked it	Setting page is displayed Language options are displayed App's language is changed	non
TEST CASE 25 Instructor needs support about the usage of the app	Instructor clicks the gear icon on the below right Instructor clicks "Help and Support" button	Setting page is displayed Instructor is redirected to help and support webpage Help and Support page is displayed	non
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 A page including privacy and security information of the app is displayed to the Instructor	non
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	Setting page is displayed A page including informations about the version of the app is displayed to the Instructor	non
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	non

Video Links

Mobil	All Functionalities -> https://youtu.be/hjlyUqwYV4Q
Web	Correct inputs -> https://youtu.be/hE-EP6K8NZE Wrong inputs -> https://youtu.be/3i9zZwUlqo4

Members of Team

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

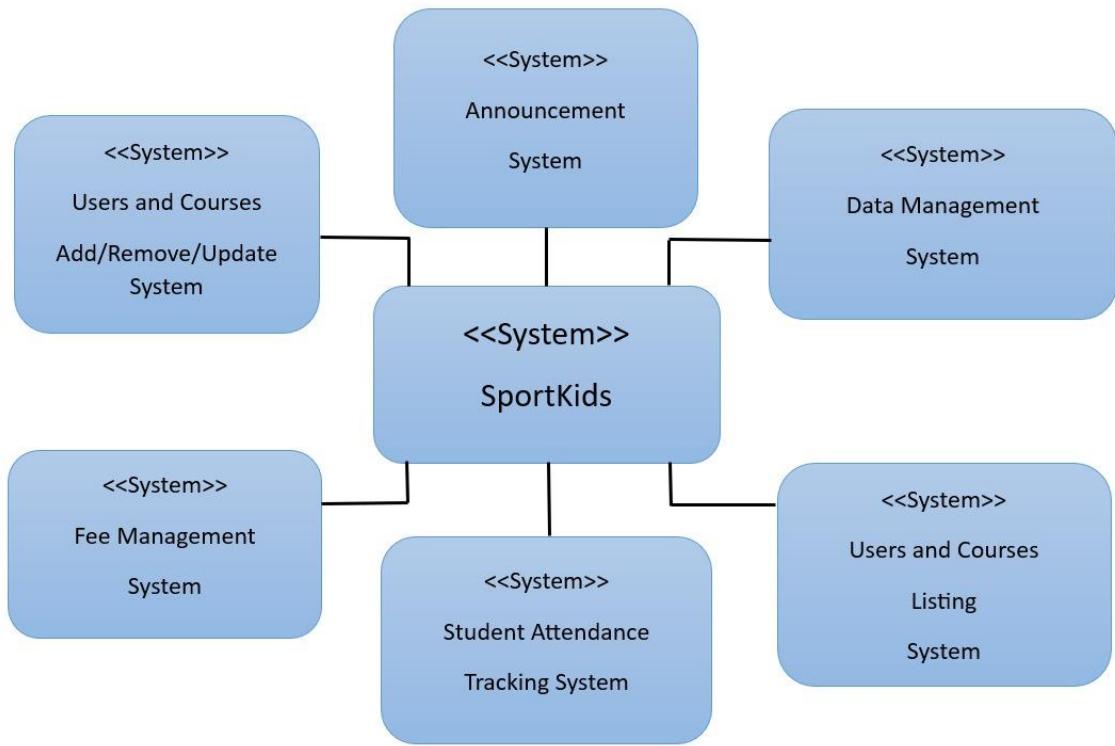
Contents

Revision History.....	2
Introduction.....	2
1)User Story	2
BACKLOG DOCUMENT	7

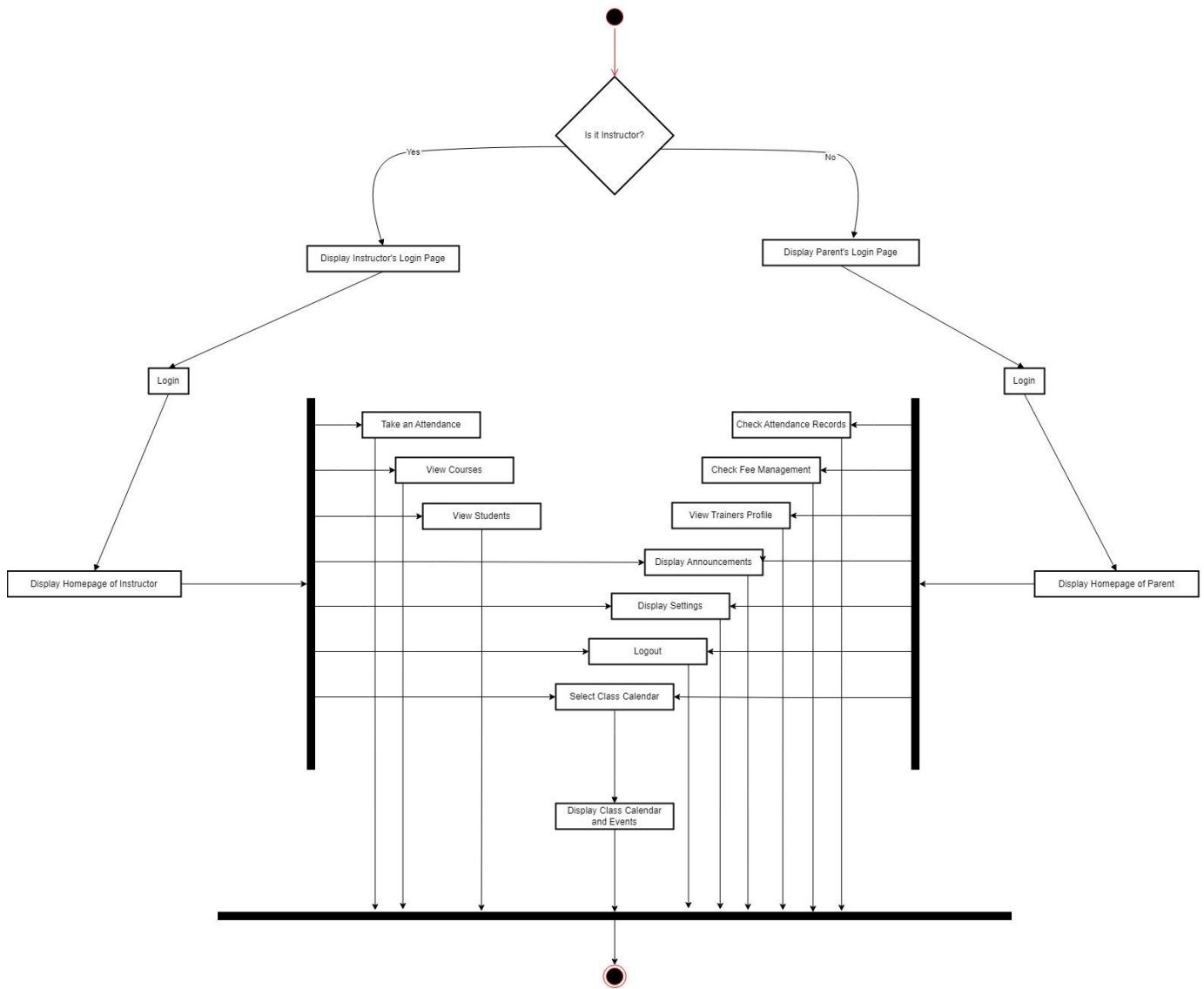
Issue	ID	Status	Priority	Assignee	Sprint
Dummy/Simulated Graphical Interface via Figma (Mobile)	FO-23	Done	High	Ayşe Begüm NUR	FO Sprint 1
Dummy/Simulated Graphical Interface via Figma (Web)	FO-24	Done	High	Gülnihal AKDEM	FO Sprint 1
Create backlog for tasks	FO-30	Done	High	Ali Asım COSKUN	FO Sprint 1
Do use case diagram(s) for the defined scenarios	FO-7	Done	High	Ali Asım COSKUN	FO Sprint 1
Learning to use Android Studio	FO-2	In Progress	High	Ali Asım COSKUN	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 COSKUN	FO Sprint 1
System Requirements (Web)	FO-21	Done	High	Beyza ACAR	FO Sprint 1
System Requirements (Mobile)	FO-22	Done	High	Ali Asım COSKUN	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-3	Done	High	Beyza ACAR	FO Sprint 1
Learning HTML, CSS, JavaScript and NodeJs	FO-4	Done	High	Gülnihal AKDEM	FO Sprint 1
Learning Kotlin	FO-5	Done	High	Buket GENÇER	FO Sprint 1
Learning Figma and UI&UX Design	FO-26	Done	High	Ayşe Begüm NUR	FO Sprint 1
Learning to use Android Studio	FO-31	Done	High	Buket GENÇER	FO Sprint 1
Create the log in page (Web)	FO-42	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 2&3
Create the home page (Web)	FO-46	Done	High	Gülnihal AKDEM	FO Sprint 3
Learning the basic of the Database Management System	FO-59	In Progress	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 (Frontend)(Mobile)	FO-39	Done	High	Buket GENÇER	FO Sprint 2
Create the home page (Frontend) (Mobile)	FO-57	Done	High	Buket GENÇER	FO Sprint 3
Create about page (Web)	FO-47	Done	High	Gülnihal AKDEM	FO Sprint 3
Create contact us page (Web)	FO-48	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3
Admin can add/remove trainer	FO-9	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can add/remove parents	FO-11	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can add/remove child	FO-12	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can make announcements	FO-13	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4
Admin can add/remove course	FO-32	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 3&4
Admin can set payment status	FO-45	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4
Admin can list Parents	FO-33	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Children	FO-34	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Courses	FO-35	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5

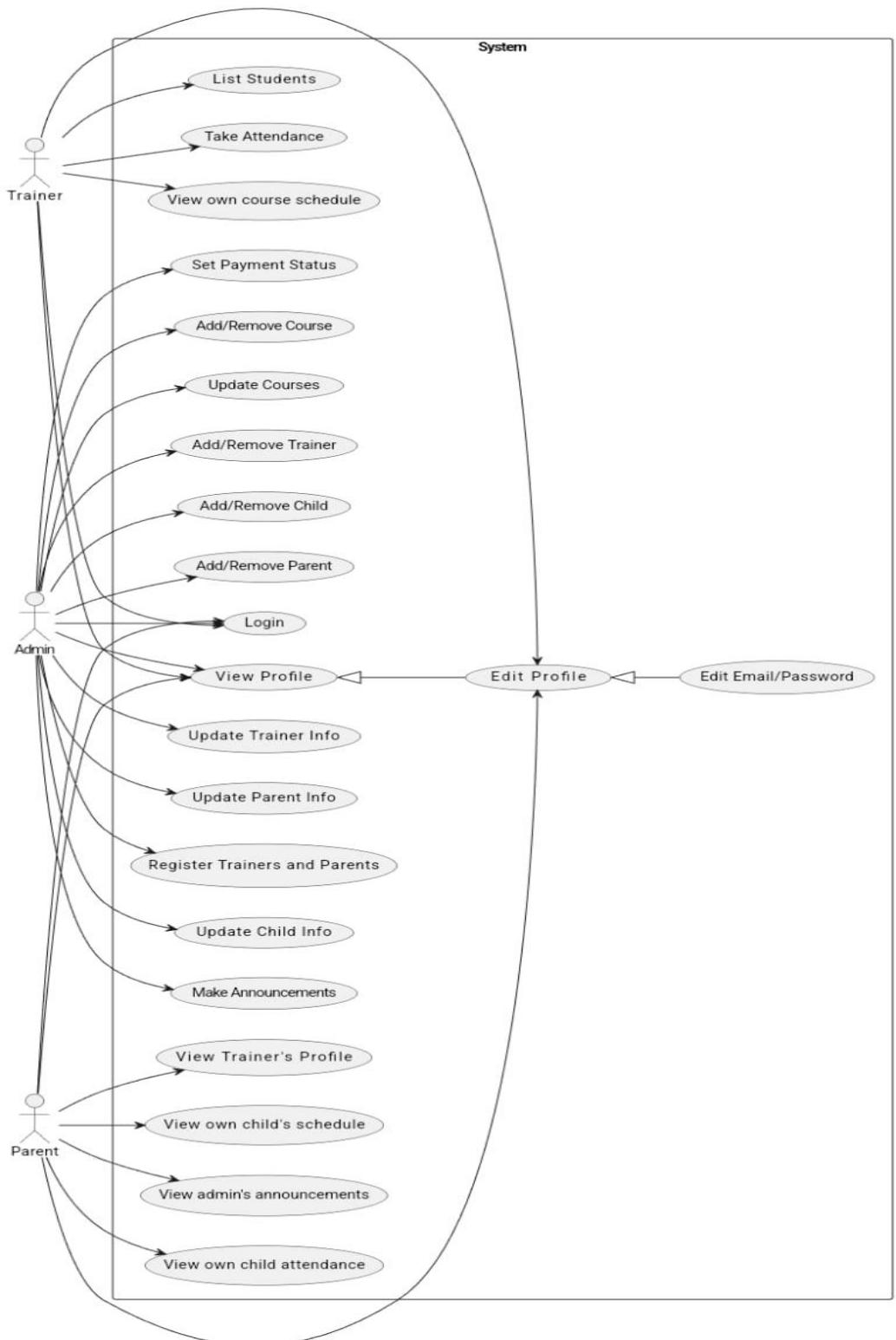
Admin can list Parents	FO-33	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Children	FO-34	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Courses	FO-35	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can list Instructor	FO-36	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 4&5
Admin can update the payment status for parents.	FO-10	Done	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint 5
Create Layout of "Take an Attendance" page (Mobile)	FO-49	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "View Course" page (Mobile)	FO-50	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "View Students" page (Mobile)	FO-51	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Class Calendar" page (Mobile)	FO-27	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Settings" page (Mobile)	FO-41	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Announcements" page (Mobile)	FO-56	Done	High	Buket GENCER	FO Sprint 3&4
Create Layout of "Log page for Parent (Mobile)	FO-38	Done	High	Buket GENCER	FO Sprint 2&3
Create functionality of "Login parent" page (Mobile)	FO-39	Done	High	Ali Asım COŞKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-40	Done	High	Ali Asım COŞKUN	
Create functionality of "View Course" page (Mobile)	FO-41	Done	High	Ali Asım COŞKUN	
Create functionality of "Class Calender" page (Mobile)	FO-42	Done	High	Ali Asım COŞKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-43	Done	High	Ali Asım COŞKUN	
Create functionality of "Announcements" page (Mobile)	FO-44	Done	High	Ali Asım COŞKUN	
User can log in to system by using e-mail and password	FO-29	To do	High		
Trainer can list students	FO-14	In progress	High		FO Sprint 4
Trainer can take attendance	FO-15	In Progress	High		FO Sprint 3&4
Trainer can view own course schedule	FO-16	In Progress	High		FO Sprint 3&4
Trainer can view admin's announcements	FO-43	In Progress	High		FO Sprint 3&4
Parent can view trainer's profile	FO-17	In Progress	High		FO Sprint 3&4
Parent can view own child's attendance	FO-18	In Progress	High		FO Sprint 3&4
Parent can view own child's schedule	FO-19	In Progress	High		FO Sprint 3&4
Parent can view admin's announcements	FO-20	In Progress	High		FO Sprint 3&4
Search Bar in Web	FO-57	To do	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint4
Connecting my mobile application with Firebase	FO-58	In Progress	High	Ayşe Begüm Nur	FO Sprint 4
Create "Language" page (Mobile)	FO-52	To do	Medium		FO Sprint 4
Create "About" page (Mobile)	FO-53	To do	Medium		FO Sprint 4
Create "Help and Support" page (Mobile)	FO-54	To do	Medium		FO Sprint 4
Create "Privacy & Security" page (Mobile)	FO-55	To do	Medium	Ayşe Begüm Nur	FO Sprint 4
Create Layout of "Settings" page (Mobile)	FO-41	Done	High	Buket GENCER	
Create Layout of "Announcements" page (Mobile)	FO-56	Done	High	Buket GENCER	FO Sprint 3&4
Create the log in page for Parent (Mobile)	FO-38	Done	High	Buket GENCER	FO Sprint 2&3
Create functionality of "Login parent" page (Mobile)	FO-39	Done	High	Ali Asım COŞKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-40	Done	High	Ali Asım COŞKUN	
Create functionality of "View Course" page (Mobile)	FO-41	Done	High	Ali Asım COŞKUN	
Create functionality of "Class Calender" page (Mobile)	FO-42	Done	High	Ali Asım COŞKUN	
Create functionality of "Parent Home page" page (Mobile)	FO-43	Done	High	Ali Asım COŞKUN	
Create functionality of "Announcements" page (Mobile)	FO-44	Done	High	Ali Asım COŞKUN	
User can log in to system by using e-mail and password	FO-29	To do	High		
Trainer can list students	FO-14	In progress	High		FO Sprint 4
Trainer can take attendance	FO-15	In Progress	High		FO Sprint 3&4
Trainer can view own course schedule	FO-16	In Progress	High		FO Sprint 3&4
Trainer can view admin's announcements	FO-43	In Progress	High		FO Sprint 3&4
Parent can view trainer's profile	FO-17	In Progress	High		FO Sprint 3&4
Parent can view own child's attendance	FO-18	In Progress	High		FO Sprint 3&4
Parent can view own child's schedule	FO-19	In Progress	High		FO Sprint 3&4
Parent can view admin's announcements	FO-20	In Progress	High		FO Sprint 3&4
Search Bar in Web	FO-57	To do	High	Beyza ACAR & Gülnihal AKDEM	FO Sprint4
Connecting my mobile application with Firebase	FO-58	In Progress	High	Ayşe Begüm Nur	FO Sprint 4
Create "Language" page (Mobile)	FO-52	To do	Medium		FO Sprint 4
Create "About" page (Mobile)	FO-53	To do	Medium		FO Sprint 4
Create "Help and Support" page (Mobile)	FO-54	To do	Medium		FO Sprint 4
Create "Privacy & Security" page (Mobile)	FO-55	To do	Medium	Ayşe Begüm Nur	FO Sprint 4
Create "I forgot my password" page (Web)	FO-40	To do	Medium		FO Sprint 4
Push notifications	FO-41	To do	Medium		FO Sprint 4
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

UML DIAGRAM	9
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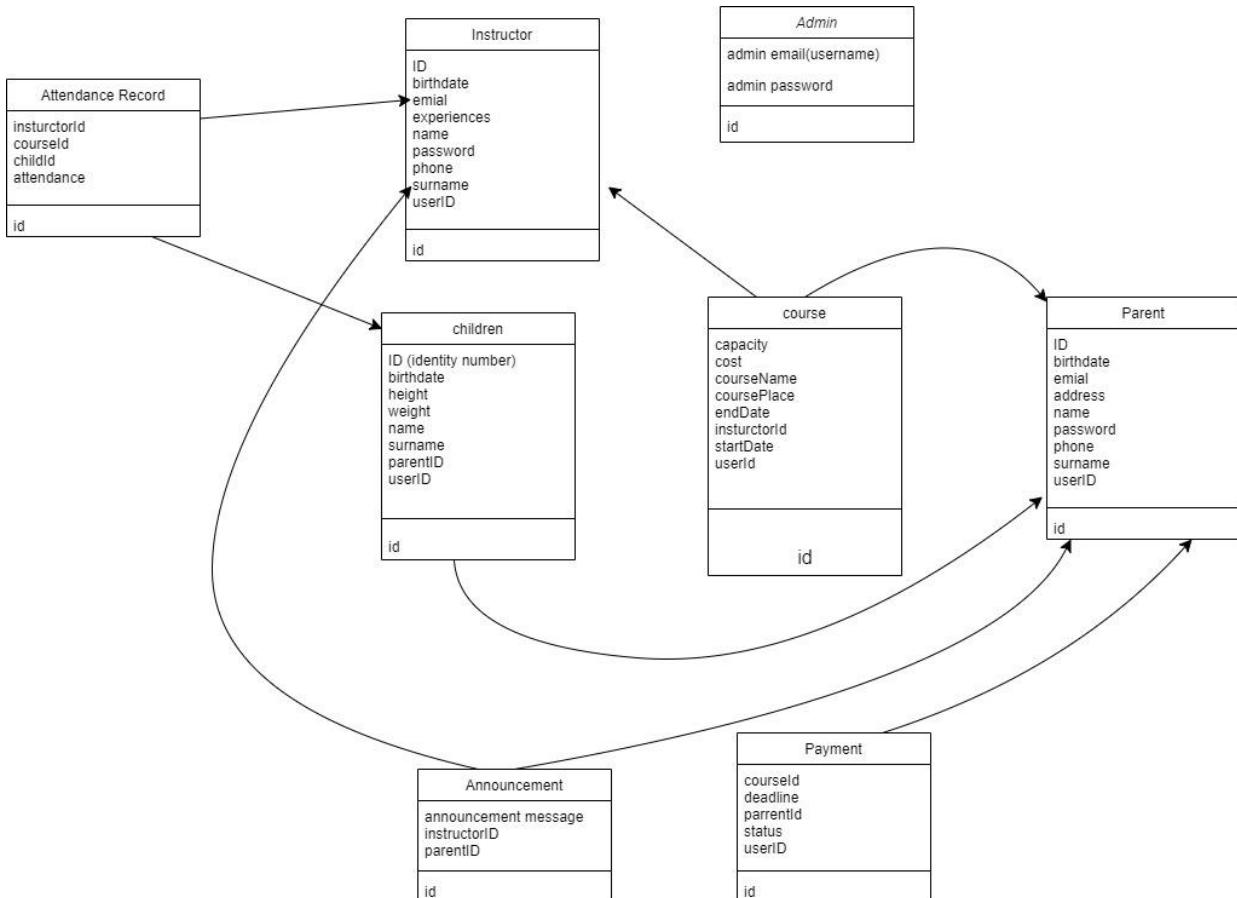


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SportkidsApp - Cloud Firestore | Sportkids | WhatsApp | 1. Introducing | sportkidsapp.web.app/instructorAdd.html

Roundcube Webmail... WhatsApp GTÜ Google Drive 1. Introducing | sportkidsapp.web.app

Instructor Add

Name: Ayşe Instructor added successfully and userID copied to the clipboard userID: IN1ximYnsJd0V9ICw2T

Birthdate: 03/01/1990 OK

Experiences: Yüzme, Tennis

Address: Rıza Mah. Çan Sokak, Bursa

DONE

SportkidsApp - Cloud Firestore | Sportkids | WhatsApp | 1. Introducing | sportkidsapp.web.app/instructorUpdate.html

Roundcube Webmail... WhatsApp GTÜ Google Drive 1. Introducing | sportkidsapp.web.app

Updating The Instructor

User ID: IN2qDNNDC0s9TB9OLP Email: ruzgarcan@gmail.com Password: 1234 Identity Number(ID): 12312312312

Name: Rüzgar Surname: Can

Birthdate: 02/21/1994 Phone: 05443761234

Experiences: Eskişehir Basketbol Voleybol

SportkidsApp - Cloud Firestore | Sportkids | WhatsApp | 1. Introducing | sportkidsapp.web.app/instructorList.html

Roundcube Webmail... WhatsApp GTÜ Google Drive 1. Introducing | sportkidsapp.web.app

Listing the Instructors

Order By: Email Order: Descending

LIST

Name Surname: Rüzgar Can
Email: ruzgarcan@gmail.com
Password: 1234
ID: 12312312312
Birthdate: 1995-02-21
Phone: 05443761234
Experiences: Eskişehir Basketbol Voleybol
userID: IN2qDNNDC0s9TB9OLP

Name Surname: Ayşe Bal
Email: aye@mail.com
Password: aye123
ID: IN1ximYnsJd0V9ICw2T
Birthdate: 1990-03-01
Phone: 05456787545
Experiences: Yüzme, Tennis
userID: IN1ximYnsJd0V9ICw2T

The screenshot shows a web browser window with the URL <https://sportkidsapp.web.app/instructorRemove.html>. The page title is "SportKids". On the left, there is a sidebar menu with sections: Announcement, Instructor (with sub-options Add, Remove, List, Update), Parent (with sub-options Add, Remove, List, Update), Child (with sub-options Add, Remove, List, Update), and Course (with sub-options Add, Remove, List, Update). The main content area has a heading "Removing The Instructor". It contains a form with a label "Instructor Id" and a text input field containing "INTximYnsJdV9CeVZT". Below the input field is a "DONE" button. In the top right corner of the main content area, there is a "Log Out" link.

The screenshot shows a web browser window with the URL <https://sportkidsapp.web.app/about.html>. The page title is "SportKids". At the top, there is a navigation bar with links: HOME, ABOUT, CONTACT US, and LOG IN. The main content area starts with a heading "Welcome to our mobile app, a dedicated platform designed to bridge the gap between parents and sports schools. We are a team of passionate students committed to making the lives of parents easier and the management of sports schools more efficient." Below this, there is a paragraph about the app's features, another paragraph about instructor details, and a final paragraph about the app's mission and impact.

The screenshot shows a web browser window with the URL <https://sportkidsapp.web.app/adminHomePage.html>. The page title is "SportKids". On the left, there is a sidebar menu with sections: Announcement, Instructor (with sub-options Add, Remove, List, Update), Parent (with sub-options Add, Remove, List, Update), Child (with sub-options Add, Remove, List, Update), and Course (with sub-options Add, Remove, List, Update). The main content area has a heading "Make An Announcement". It contains a form with a label "Announcement Message:" and a text area containing "Your message goes here...". Below the text area is a "DONE" button. In the top right corner of the main content area, there is a "Log Out" link.

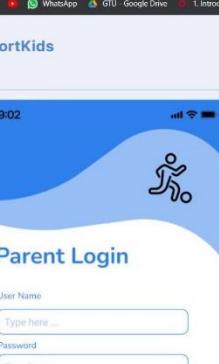
sportkidsapp - Cloud Firestore

SportKids

Name Surname

Please E-mail

Message
Çok teşekkür ederim birşey söylemek istiyorum.

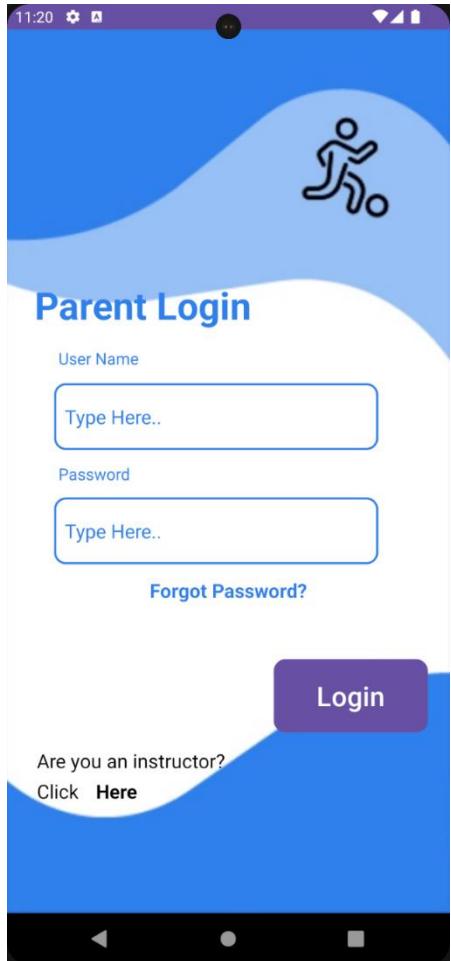


The screenshot shows the 'Parent Login' screen of the SportKids mobile application. The screen has a light blue header with the time '19:02' and signal strength indicators. Below the header is a large white area containing a stylized icon of a child running. The text 'Parent Login' is centered in a large, bold, blue font. Below the text are two input fields: 'User Name' and 'Password', each with a placeholder 'Type here ...'. At the bottom right of the input area is a 'Forgot Password?' link. The background features a blue and white wavy pattern at the top and a solid blue gradient at the bottom.

SportKids is intended for parents of children who attend sport schools. The purpose of our application is to facilitate the communication and collaboration between parents, trainers, and sport schools, and to provide parents with relevant and timely information about their children's sport education. SportKids is compatible with **Android** and **iOS** devices, and it ensures the security and privacy of its users.

Mobile

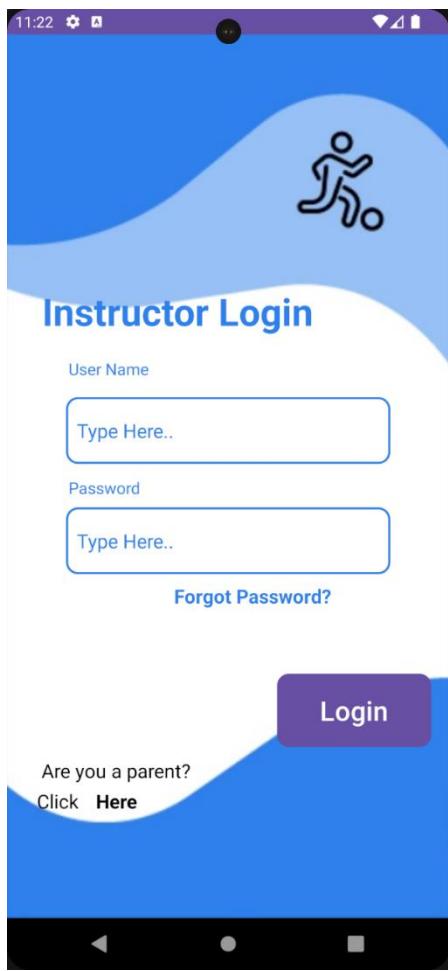
24



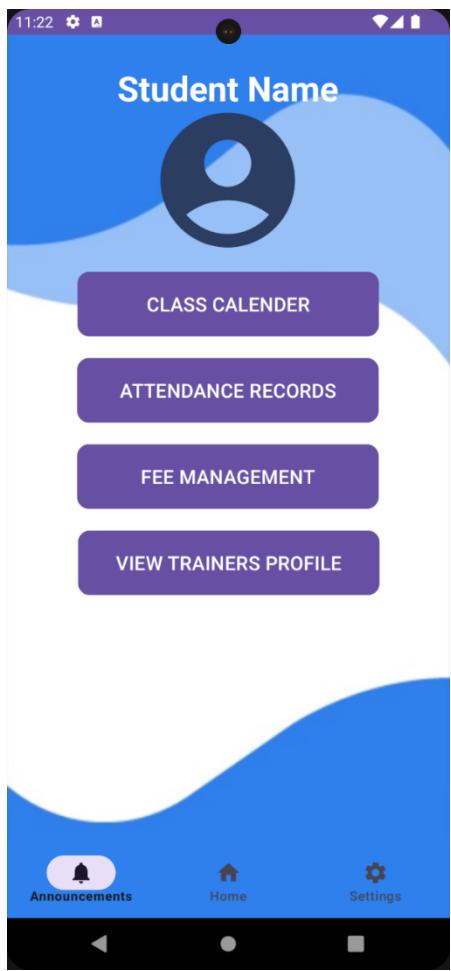
>> parent login..... 28



>> wrong Input parent..... 29

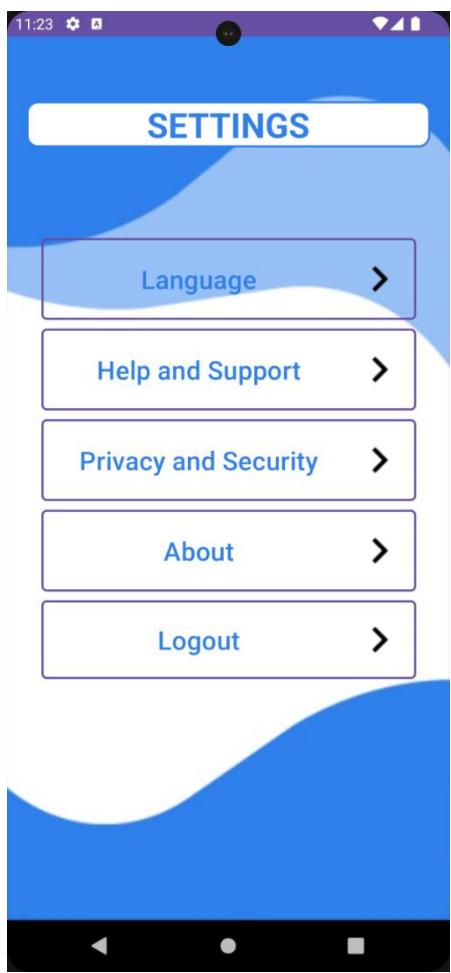


>>instructor login 30

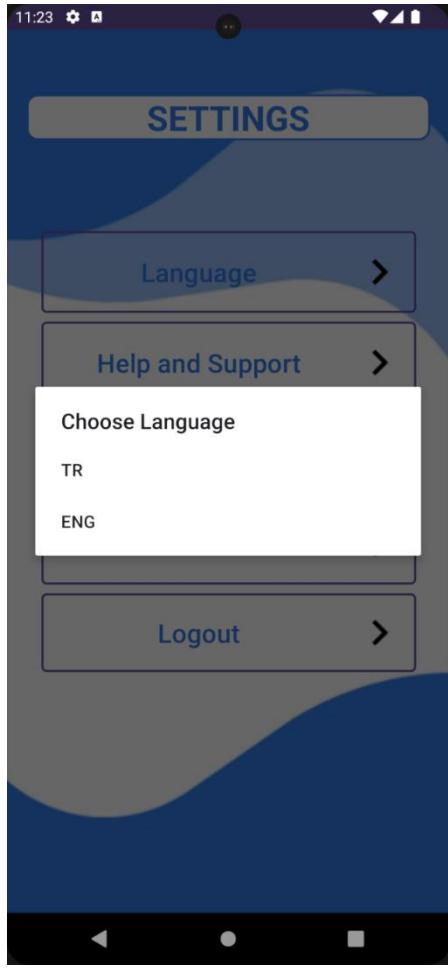




>> announcements 32

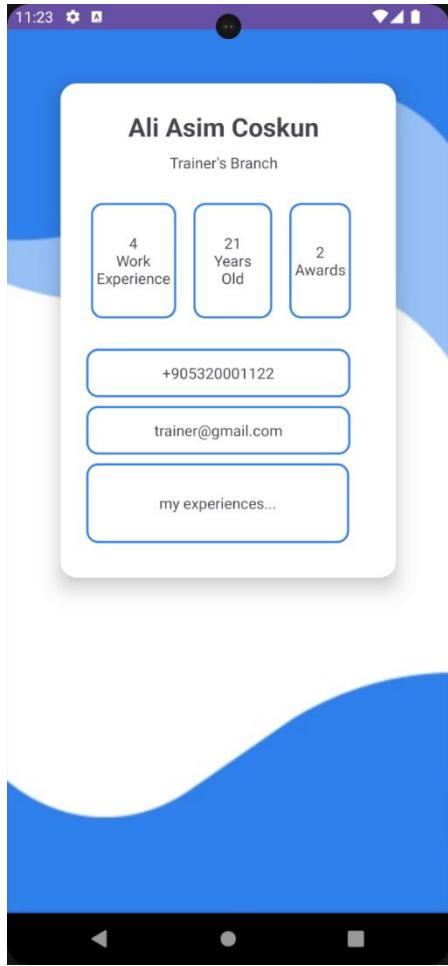


>> settings 33

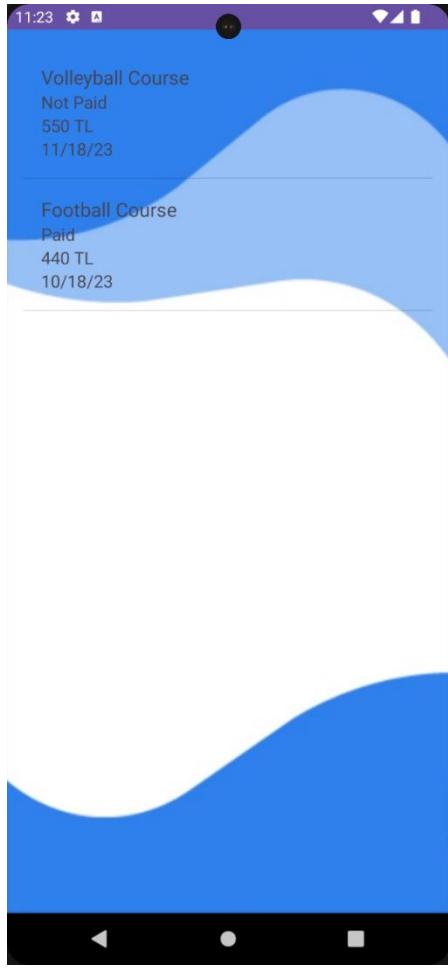


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Server: Google Cloud	39

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 childs list "Removed" pop-up is displayed	passed
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	passed
TEST CASE 20 Admin wants to make an announcements	Admin clicks the "Announcements" button Admin enters the announcement that is wanted to make Admin clicks "Done" button	A pop-up page is displayed to take the announcement input The announcement is added to announcement list to be viewed by parents "Announcement is sent" pop-up is displayed	progress
TEST CASE 21 Admin marks a payment as unpaid	Admin clicks the "Payment" button Enters the appropriate infos about the payment and sets status as "unpaid" Sets payment as unpaid	When "Payments" button is clicked, a pop-up page is displayed which takes the informations The payment is added to the parent's payments list A pop-up page is displayed written "Payment information is saved"	passed
TEST CASE 22 Admin marks a payment as paid	Admin clicks the "Payments" button Enters the appropriate infos about the payment and sets status as "paid" Sets payment as paid	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 A pop-up page is displayed written "Payment information is saved"	passed
TEST CASE 23 Admin wants to view the payments list	Admin clicks the "List Payments" button	The list of all the payments are displayed	progress
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	non
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	non
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	non
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	non
TEST CASE 28 Admin forgots to add status while adding a payment	Admin clicks add button without setting the status of payment (paid/unpaid)	Error alerted in the web page : "Please set the status". An form is reset	passed
TEST CASE 29 Admin enters a wrong parent ID while adding a payment	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with wrong parent id	An error is alerted on the web page: "Parent is not found". Form is reset	passed
TEST CASE 30 Admin enters a wrong course ID while adding a payment	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with wrong course id	An error is alerted on the web page: "Course is not found". Form is reset	passed
TEST CASE 31 Admin enter wrong deadline while adding a course	Admin clicks "Add payment" button from the left bar Admin clicks "Done" button with a past deadline	An error is alerted on the web page: "Deadline should be after today". Form is reset	passed
TEST CASE 32 Admin enters a wrong instructor ID while adding a course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong instructor ID	An error is alerted on the web page: "Instructor is not found". Form is reset	passed
TEST CASE 33 Admin enters a course name that includes numbers	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong course name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 34 Admin enters a capacity outside the limits	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with wrong capacity value	An error is alerted on the web page: "Capacity should be between 10 and 100". Form is reset	passed
TEST CASE 35 Admin enters a past start date for the course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with past start date	An error is alerted on the web page: "Start date should be after today". Form is reset	passed
TEST CASE 36 Admin enters a past end date for the course	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with past end date	An error is alerted on the web page: "End date should be after today". Form is reset	passed
TEST CASE 37 Admin enters the start date that is newer than the end date.	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with a newer end date from start date	An error is alerted on the web page: "End date can not be before start date". Form is reset	passed
TEST CASE 38 Admin enters a cost outside the limits	Admin clicks "Add Course" button from the left bar Admin clicks "Done" button with a cost outside the limits	An error is alerted on the web page: "Cost should be ** and **". Form is reset	passed
TEST CASE 39 Admin enters a wrong course ID while removing a course	Admin clicks "Remove Course" button from the left bar Admin clicks "Done" button with a wrong courseID	An error is alerted on the web page: "Course is not found". Form is reset	passed

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TEST CASE 40 Admin do not choose an option from List Course "Order by" option	Admin clicks "List Course" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 41 Admin do not choose an option from List Course "Order" option	Admin clicks "List Course" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 42 Admin enters a wrong instructor ID while updating a course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong instructor ID	An error is alerted on the web page: "Instructor is not found". Form is reset	passed
TEST CASE 43 Admin enters a wrong course ID while updating a course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong course ID	An error is alerted on the web page: "Course is not found". Form is reset	passed
TEST CASE 44 Admin enters a past start date for the course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with past start date	An error is alerted on the web page: "Start date should be after today". Form is reset	passed
TEST CASE 45 Admin enters a past end date for the course	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with past end date	An error is alerted on the web page: "End date should be after today". Form is reset	passed
TEST CASE 46 Admin enters the start date that is newer than the end date.	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with a newer end date from start date	An error is alerted on the web page: "End date can not be before start date". Form is reset	passed
TEST CASE 47 Admin enters a course name that includes numbers	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong course name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 48 Admin enters a capacity outside the limits	Admin clicks "Update Course" button from the left bar Admin clicks "Done" button with wrong capacity value	An error is alerted on the web page: "Capacity should be between 10 and 100". Form is reset	passed
TEST CASE 49 Admin enters a wrong parent ID while adding a course	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong parent ID	An error is alerted on the web page: "Parent is not found". Form is reset	passed
TEST CASE 50 Admin enters a child name that includes numbers	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong name	An error is alerted on the web page: "Name can not include numbers". Form is reset	passed
TEST CASE 51 Admin enters a child surname that includes numbers	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong surname	An error is alerted on the web page: "Surname can not include numbers". Form is reset	passed
TEST CASE 52 Admin tries to enter a child id that includes non-digit characters	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong id number	The html page does not allow to enter non-digit characters	passed
TEST CASE 53 Admin tries to enter a child id that includes different than 11 digit	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong id number	An error is alerted on the web page: "ID should be 11 digits". Form is reset	passed
TEST CASE 54 Admin tries to enter a child whose age is over 18	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong birthdate	An error is alerted on the web page: "Age should be between 3 and 18". Form is reset	passed
TEST CASE 55 Admin tries to enter a child whose age is under 3	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong birthdate	An error is alerted on the web page: "Age should be between 3 and 18". Form is reset	passed
TEST CASE 56 Admin tries to enter a child whose weight is under 10 kg	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong weight value	Error: "Weight should be between 10 and 100 kg". Form is reset	passed
TEST CASE 57 Admin tries to enter a child whose weight is above 100 kg	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong weight value	Error: "Weight should be between 10 and 100 kg". Form is reset	passed
TEST CASE 58 Admin tries to enter a child whose height is above 200 cm	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong height value	Error: "Height should be between 50 and 200 cm". Form is reset	passed
TEST CASE 59 Admin tries to enter a child whose height is under 50 cm	Admin clicks "Add Child" button from the left bar Admin clicks "Done" button with wrong height value	Error: "Height should be between 50 and 200 cm". Form is reset	passed

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TEST CASE 60 Admin enters wrong childID while removing the child	Admin clicks "Remove Child" button Admin clicks "Done" button with wrong childID value	Error: "Child is not found". Form is reset	passed
TEST CASE 61 Admin do not choose an option from List Child "Order by" option	Admin clicks "List Child" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 62 Admin do not choose an option from List Child "Order" option	Admin clicks "List Child" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 63 Admin do not choose an option from List Parent "Order by" option	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 64 Admin do not choose an option from List Parent "Order" option	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 65 Admin do not choose an option from List Instructor "Order by" opt	Admin clicks "List Parent" button from the left bar Admin clicks "Done" button without choosing an "Order by" option	An error is alerted on the web page: "Please select an option". Form is reset	passed
TEST CASE 66 Admin do not choose an option from List Instructor "Order" option	Admin clicks "List Instructor" button from the left bar Admin clicks "Done" button without choosing an "Order" option	An error is alerted on the web page: "Please select an option". Form is reset	passed

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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	progress
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	App log in page is displayed to the parent App log in page is reloaded (empty input part)	passed
TEST CASE 3	Parent logs in with wrong password	Parent clicks the "Login" button Parent enters the correct username to username input part Parent enters the wrong password to password input part	**Username or password is wrong" error message is printed App log in page is displayed to the parent App log in page is reloaded (empty input part) **Username or password is wrong" error message is printed	passed
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 App parent's homepage is displayed to the parent	passed
TEST CASE 5	Parent wants to check his/her own child's calender	Parent clicks the "Class Calender" button	Calender page is displayed to the parent	passed
TEST CASE 6	Parent wants to check his/her own child's attandence record	Parent clicks the "Attendance Record" button	Attendance record of the child is displayed to the parent	passed
TEST CASE 7	Parent wants to view upcoming payments	Parent clicks the "Fee Managment" button	Upcoming payments page is displayed to the parent	passed
TEST CASE 8	Parent wants to view trainer's profile			passed
TEST CASE 9	Parent wants to check the admin's announcement	Parent clicks the gramaphone icon on the below left	All the admins's announcements is displayed to the parent	passed
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 Parent chooses her/his preffered language and clicked it	Setting page is displayed Language options are displayed App's language is changed	progress
TEST CASE 11	Parent needs support about the usage of the app	Parent clicks the gear icon on the below right Parent clicks "Help and Support" button	Setting page is displayed Parent is redirected to help and support webpage Help and Support page is displayed	progress
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	non
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	progress
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	passed
TEST CASE 15	Instructor enters the app	Instructor downloads the app and opens	App log in page is displayed to the instructor	passed
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	passed
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	App log in page is displayed to the Instructor App log in page is reloaded (empty input part)	passed
TEST CASE 18	Instructor logs in with wrong password	Instructor clicks the "Login" button Instructor enters the correct username to username input part Instructor enters the wrong password to password input part	**Username or password is wrong" error message is printed App log in page is displayed to the Instructor App log in page is reloaded (empty input part) **Username or password is wrong" error message is printed	passed
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 App parent's homepage is displayed to the Instructor	passed

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TEST CASE 20	Instructor wants to check his/her class calender	Instructor clicks the "Class Calender" button	Class calender is displayed	non
TEST CASE 21	Instructor takes attendance of his/her class	Instructor clicks "Take an attandance" button Instructor choose the class Instructor marks "Absent" or "Present" each children by clicking buttons When instructor finished taking attendance, switches the button at the bottom right	All classes of the instructor is displayed to the instructor The children who take that class are listed When the button at the bottom right is switched, "Attendance Taken" pop-up is displayed.	non
TEST CASE 22	Instructor wants to view his/her courses	Instructor clicks "View Courses" button	Courses given by that instructor are listed	non
TEST CASE 23	Instructor wants to view his/her students	Instructor clicks "View Students" button	All students of the instructor are listed	non
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 Instructor chooses her/his preffered language and clicked it	Setting page is displayed Language options are displayed App's language is changed	non
TEST CASE 25	Instructor needs support about the usage of the app	Instructor clicks the gear icon on the below right Instructor clicks "Help and Support" button	Setting page is displayed Instructor is redirected to help and support webpage Help and Support page is displayed	non
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 A page including privacy and security information of the app is displayed to the Instructor	non
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	Setting page is displayed A page including informations about the version of the app is displayed to the Instructor	non
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	non

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