
ScheduFlex

UI Design Document

For

ScheduFlex

Version 1.0

Prepared by Team BinaryTrio

Faculty of Computing/Sabaragamuwa University of Sri Lanka

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1. Introduction

The ScheduFlex is a transformative solution designed to optimize school schedules, fostering a highly productive learning environment. Our commitment to enhancing educational efficiency is embodied in the meticulous design of this application.

The user interface (UI) of ScheduFlex has been meticulously crafted using Figma, a powerful toolset that seamlessly synergizes to deliver a visually appealing and intuitive experience for school schedule optimization.

At our core, our team is dedicated to developing creative and user-friendly interfaces. We prioritize accessibility through simple and intuitive navigation features such as dashboard, sidebar navigation, and top menu bar.

Consistency is key to our design approach. We employ a coherent design language and interactive elements (buttons, text boxes, tiles) to enhance responsiveness and understanding. A carefully curated color palette (#01C09D, #000000, #337357, #22A699, #888383, #EFEFEF, #FFFFFF, #E72929, #EE9322, #1B3C73) ensures readability and user engagement throughout the application.

The font "Poppins" is utilized across the entire application, further enhancing the integrity and readability of our interfaces. ScheduFlex represents not only a technological solution but a commitment to enhancing educational experiences through thoughtful and innovative design.

2. Admin Login

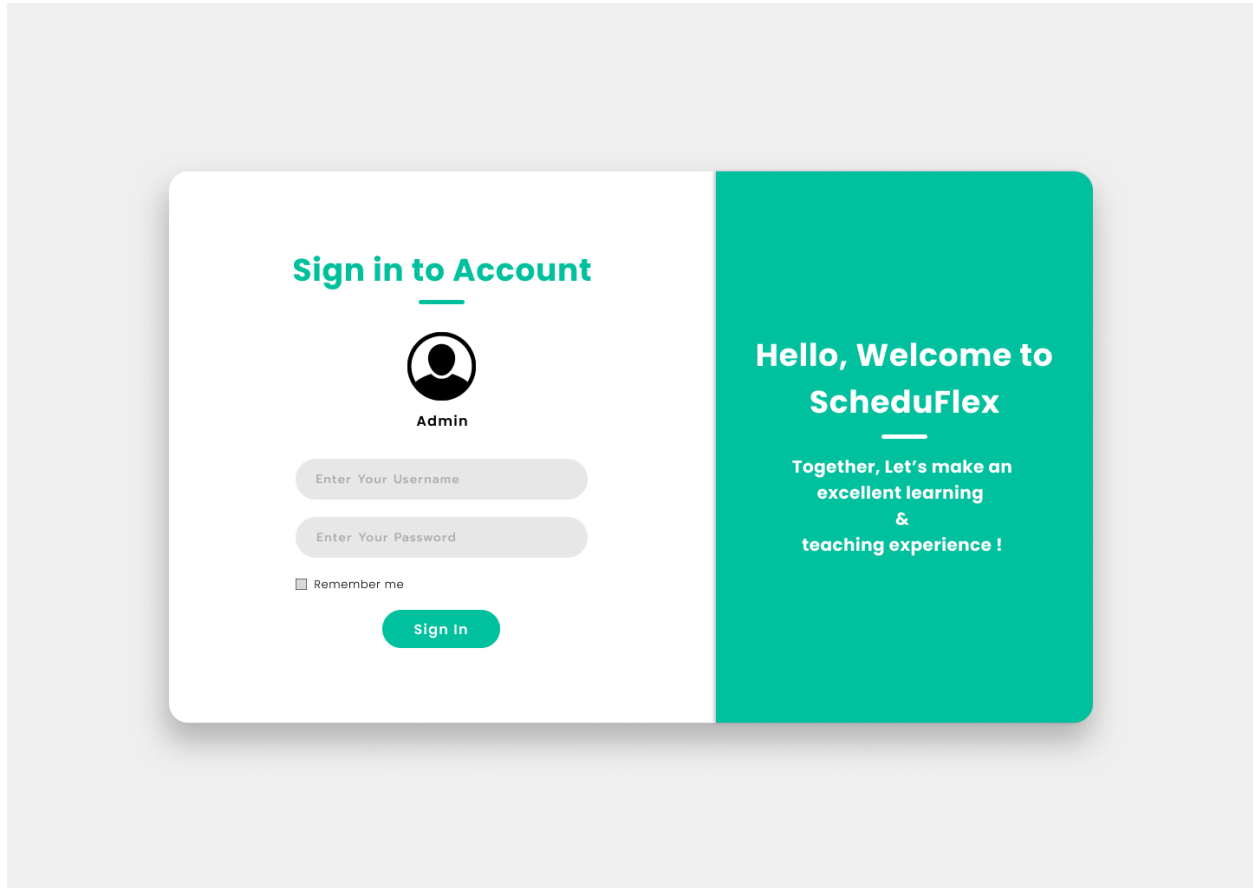


Figure 2.1 Illustrates Admin Login.

This is the administrator's system login of ScheduFlex. Government school administrative staff are considered system users of this interface. The user first interacts with the system through this interface. Therefore, there is a welcome message to inspire the user. The administrator needs to enter his username and password to log in to the system. There is a Remember option that helps to automatically suggest the username and password the next time the admin logs in to the system. After entering the username and password, the login button directs the administrator to the next interface.

3. Section selection

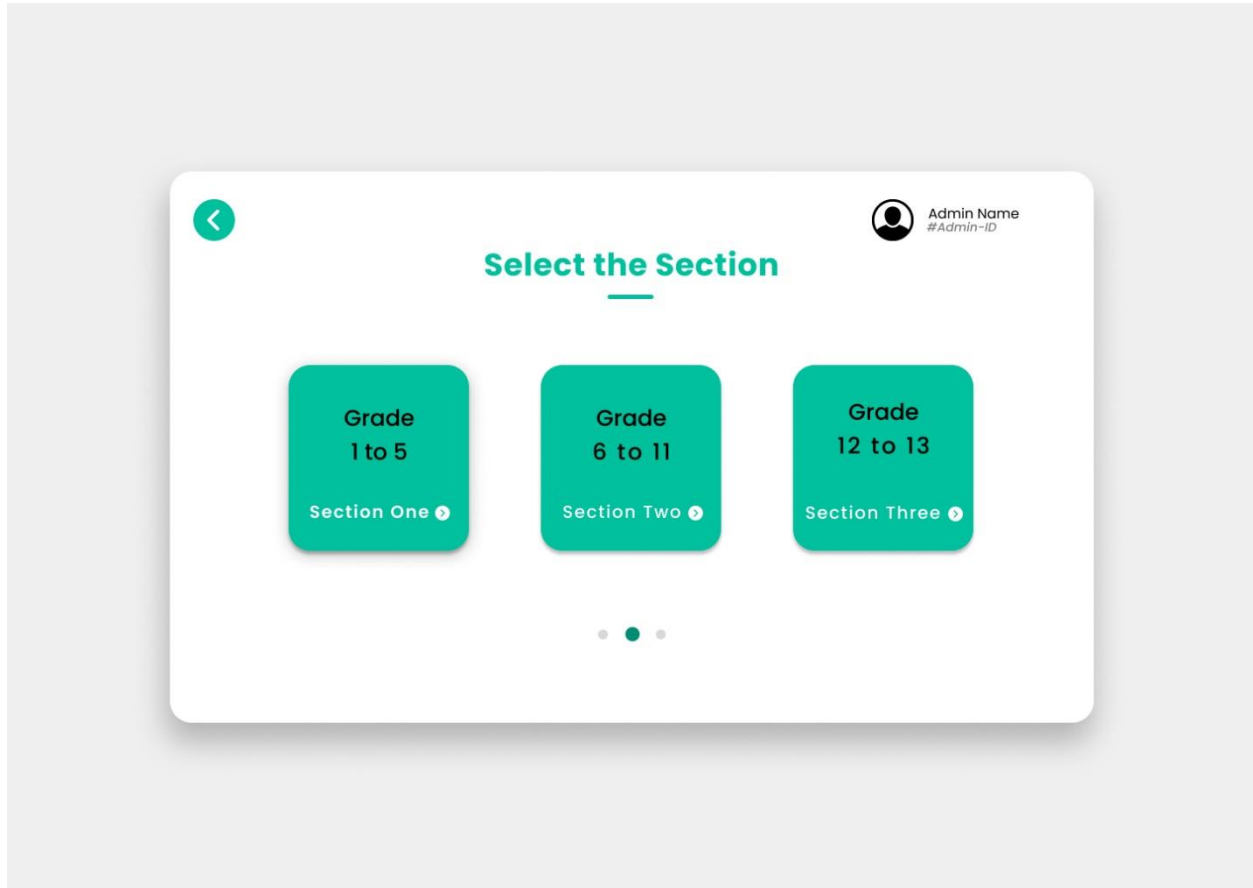


Figure 3.1 Illustrates Section Selection.

The administrative staff (system user) encounters this interface after logging into the system. There are three categories to choose from to proceed with the next processes. This interface guides the user for better monitoring and assigning teachers. The entire school system is divided into three parts: primary, secondary, and advanced. This procedure is also related to our system. After selecting a section, the user can engage with the next processes of the system.

4. View Absent Teacher List

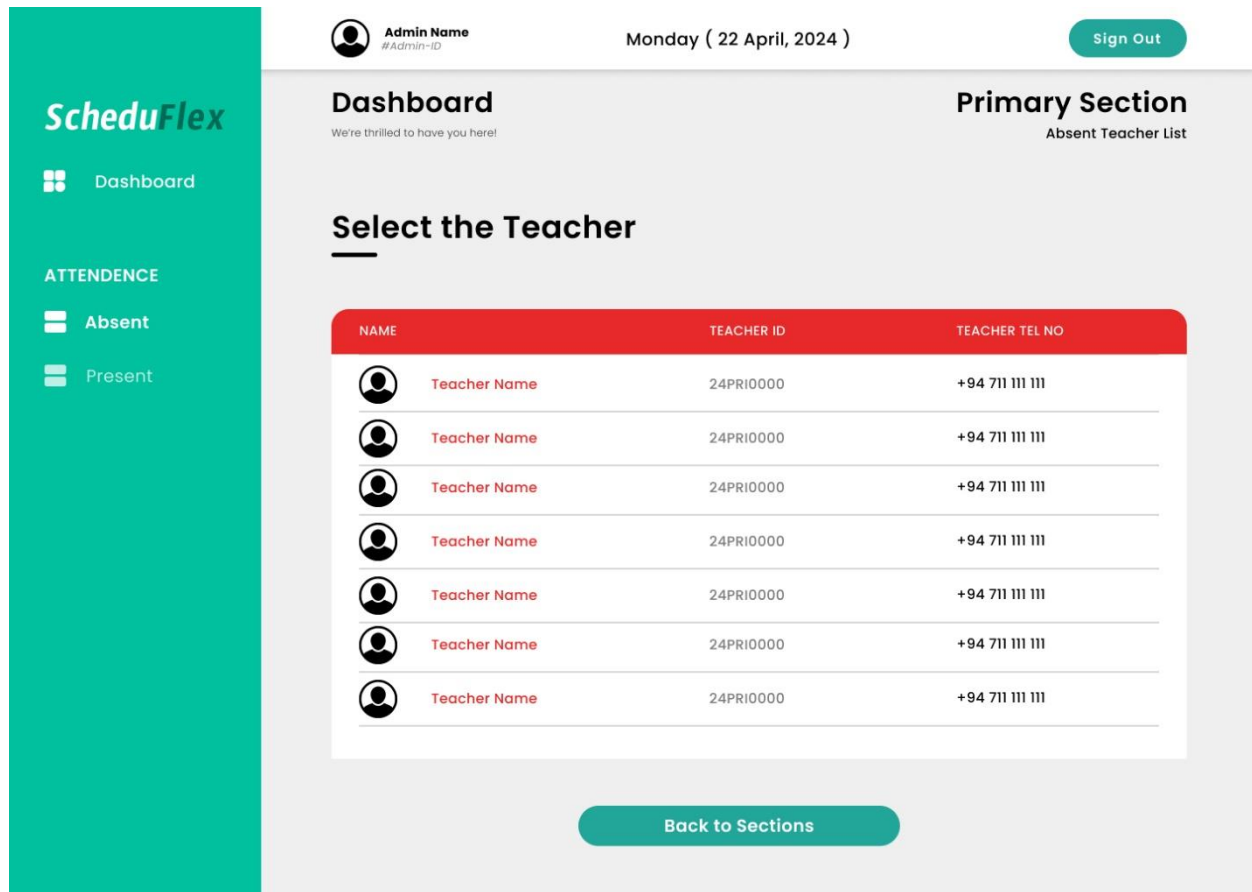


Figure 4.1 Illustrates Absent Teacher List.

The user can view the list of absent teachers including the teacher's name, ID, and telephone number. Red color emphasizes priority and it attracts the user's attention.

To maintain the quality of the interface, the header bar has the date, admin name, and ID. the sidebar includes the tags for the absent teacher list and present teacher list to direct the user to those lists.

The main objective of the system is to appoint relief teachers for the schedule of absent teachers and to maintain a continuous learning environment.

It requires the user to view the schedule of absentee teachers. By clicking on the teacher's name or that row in the list of absent teachers, the user can navigate to see the teacher's schedule.

There is an option to navigate back to the previous interface (section selection). It makes working with the system easier and improves user-friendliness.

5. View Present Teachers

The screenshot shows the ScheduFlex dashboard interface. On the left is a teal sidebar with the logo 'ScheduFlex' and navigation links: 'Dashboard', 'ATTENDANCE', 'Absent', and 'Present'. The main content area has a header with 'Admin Name', '#Admin-ID', the date 'Monday (22 April, 2024)', and a 'Sign Out' button. Below the header, the 'Dashboard' section says 'We're thrilled to have you here!'. The 'Primary Section' is titled 'Present Teacher List'. A heading 'Select the Teacher' is followed by a table of present teachers.

NAME	TEACHER ID	TEACHER TEL NO
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111
Teacher Name	24PRI0000	+94 711 111 111

At the bottom of the table, there is a teal button labeled 'Back to Sections'.

Figure 5.1 Illustrates resent Teacher List.

In the dashboard, the system provides the facility to view the list of present teachers. The user can get ideas by looking at this list of teachers for assignment of relief teachers.

6. Views Absent Teacher's Timetable

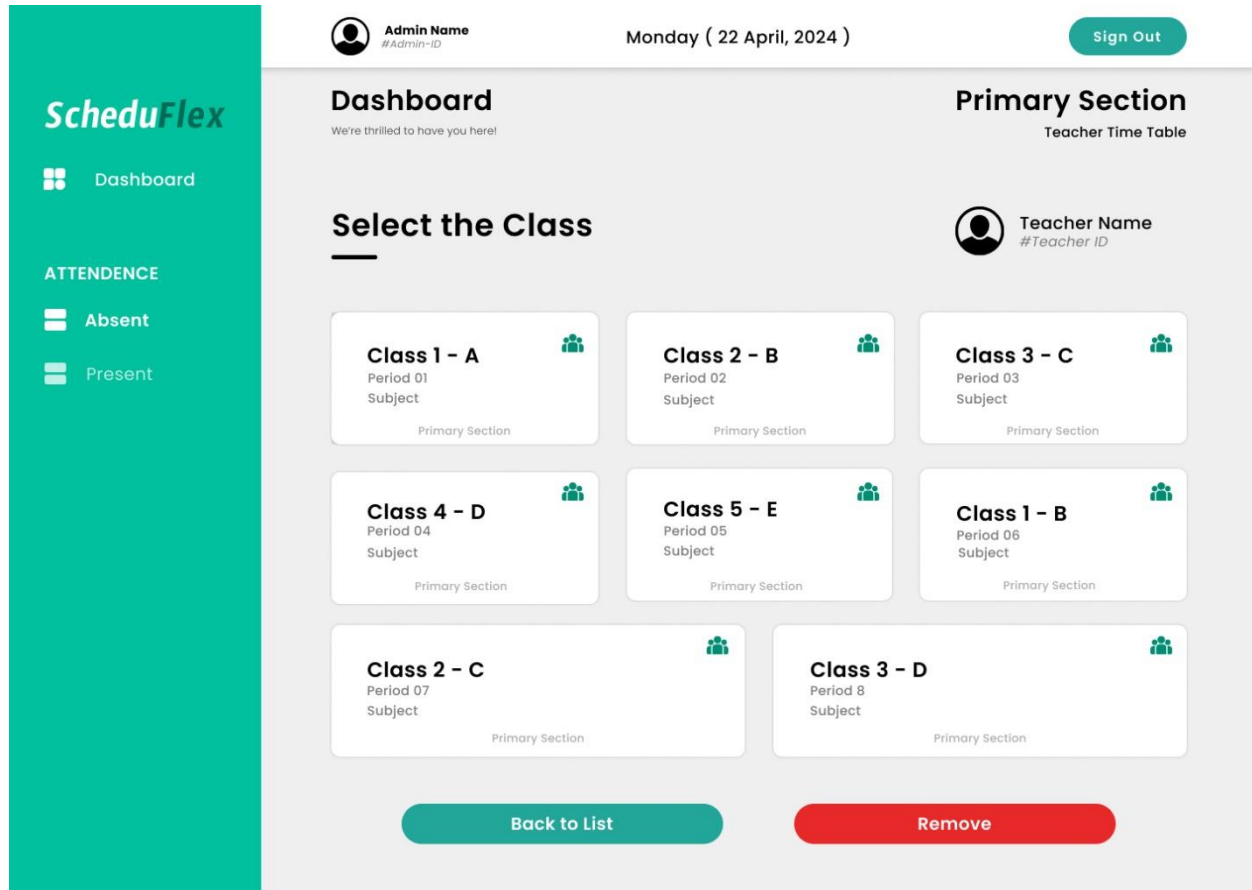


Figure 6.1 Illustrates Absent Teacher's Timetable.

After selecting an absent teacher, the system moves to the absent teacher's schedule. The user can view the schedule and take an instant view. The user can assign relief teachers according to the class in that timetable.

By clicking on the class tile, the user navigates to the list of available teachers who can be assigned as a relief teacher to that class on that particular period.

“Back to List” is the option to navigate back to the previous interface (absent teachers list).

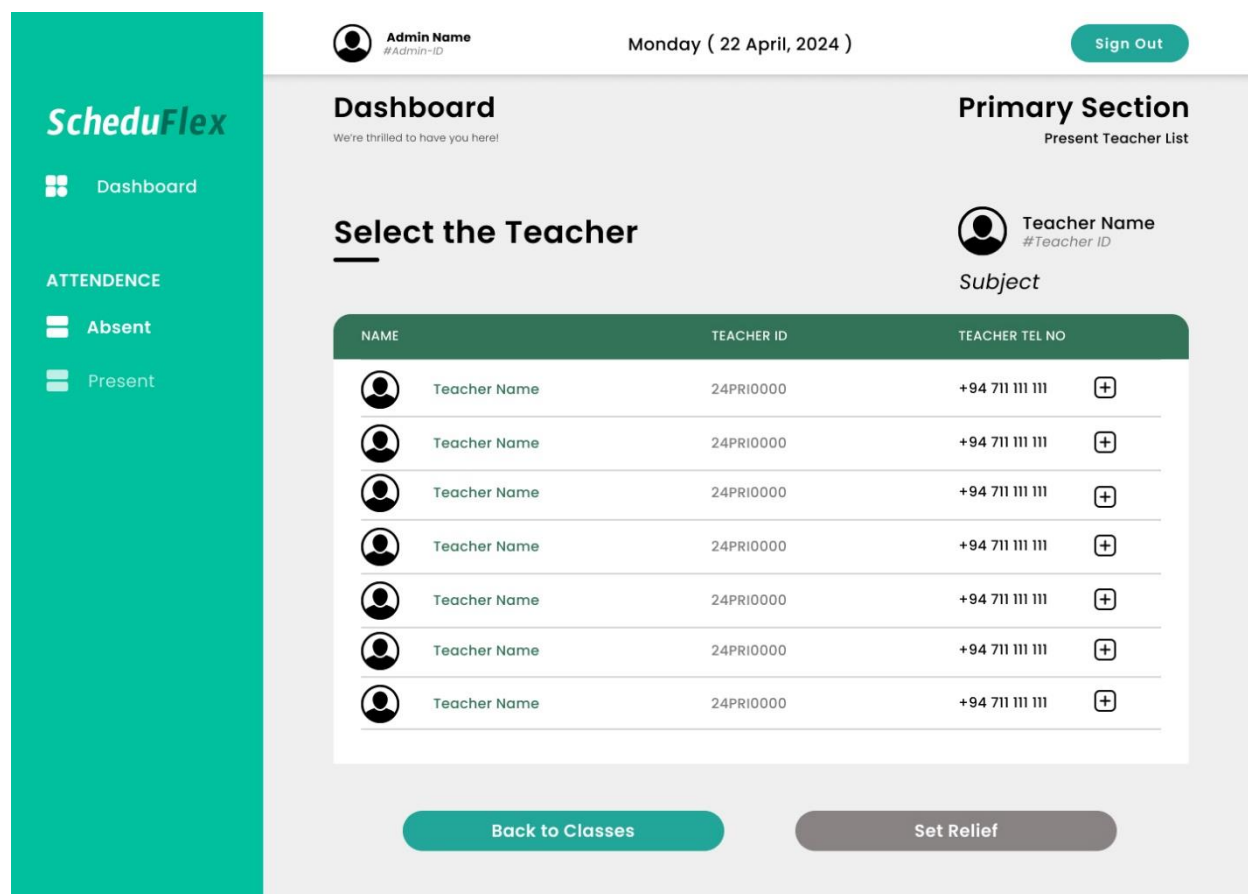


Figure 1.1 Illustrates Alternatives for a selected Absent teacher.

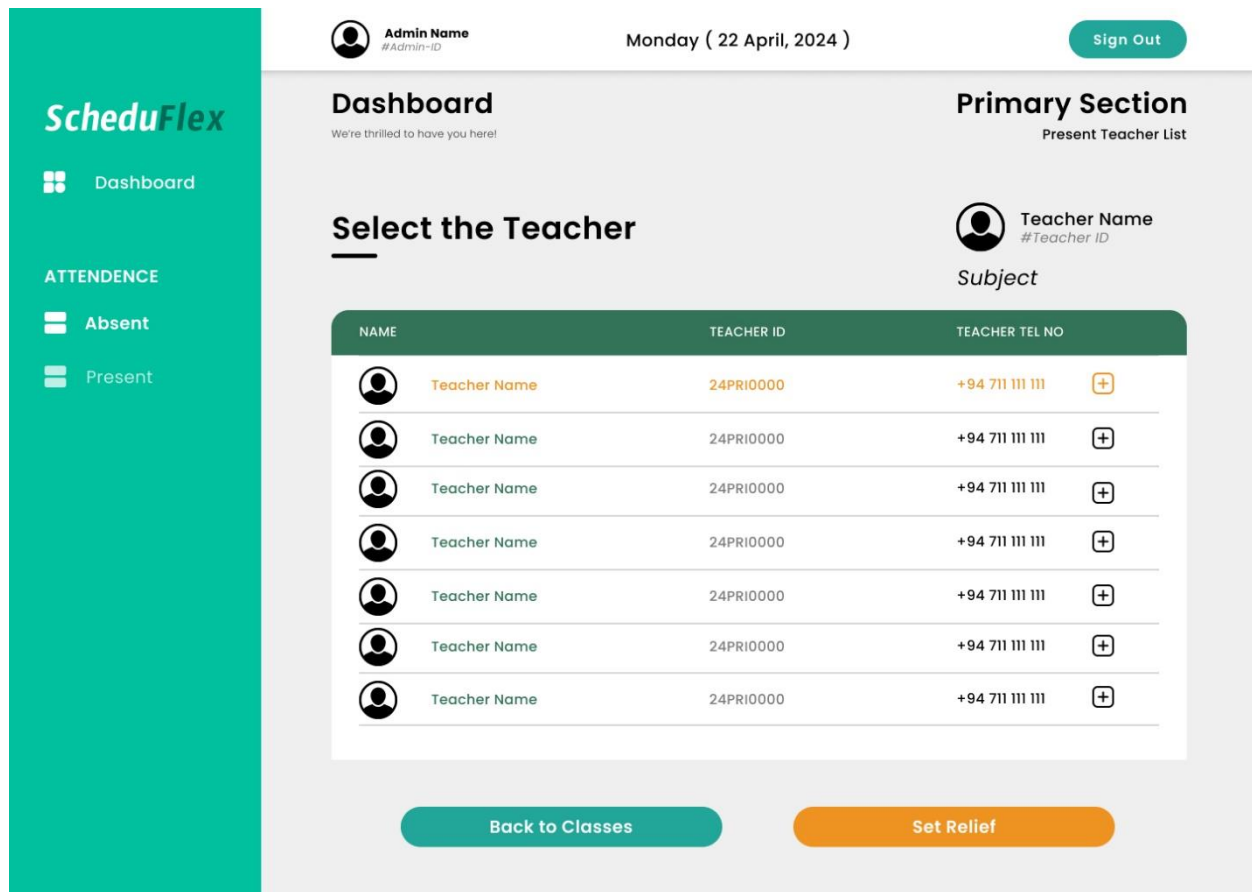


Figure 1.1 Illustrates selecting Alternatives for a selected Absent teacher.

By clicking on the class tile, the user navigates to the list of available teachers who can be assigned as a relief teacher to that class on that particular period.

The user can select a relief teacher by clicking the plus sign of the respective teacher. Only after selecting a relief teacher, the "Set Relief" button will appear in orange. The user needs to click on that button and the chosen relief teacher is assigned to that class. There is an option to go back to the previous interface (absent teacher schedule) to make it easier to view the assignment process.

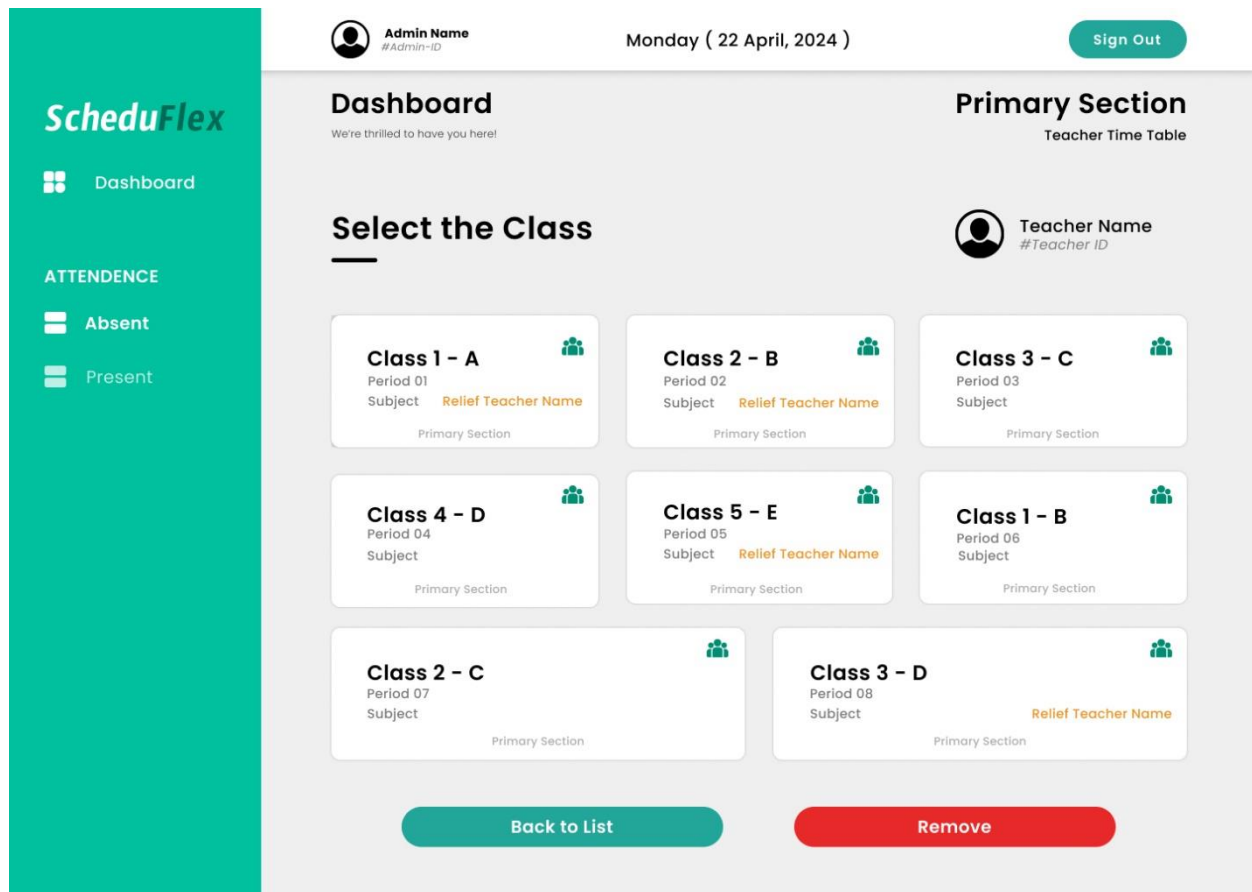


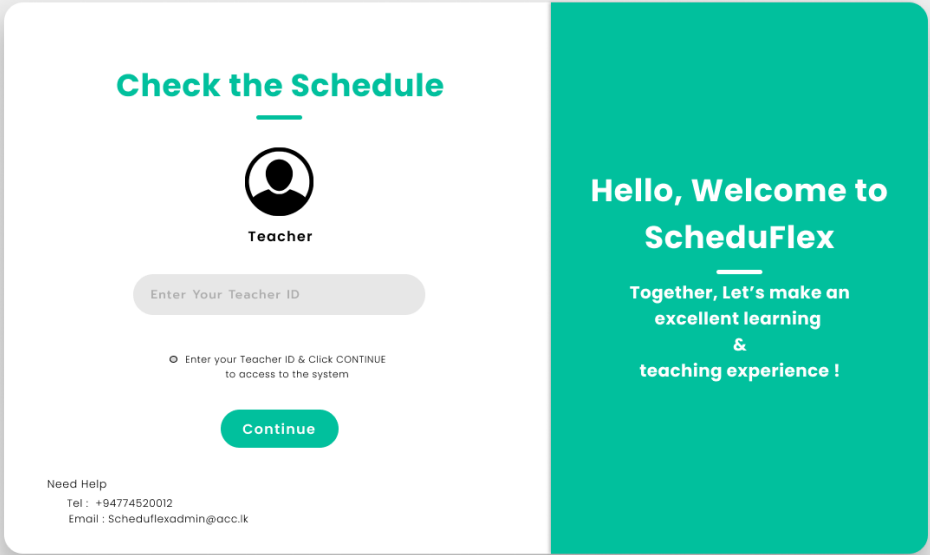
Figure 1.1 Illustrates selected Teachers for Absent Teacher.

After the relief teacher is assigned, the classes of the absent teacher will appear with the assigned relief teacher. It is displayed in orange color and attracts the user's attention.

The user has an option to remove the assigned relief teacher if necessary in case of special reasons.

It creates a flexible and friendly system environment for the system audience.

7. Teacher login



The image shows a teacher login interface for ScheduFlex. It is divided into two main sections: a white left panel and a teal right panel.

Left Panel (White):

- Check the Schedule**: A heading with a teal underline.
- Teacher**: A black silhouette icon of a person's head and shoulders, with the word "Teacher" below it.
- Enter Your Teacher ID**: A light gray rounded rectangular input field.
- Enter your Teacher ID & Click CONTINUE to access to the system**: A small instruction text with a teal dot icon.
- Continue**: A teal rounded rectangular button.
- Need Help**: A section with contact information:
 - Tel : +94774520012
 - Email : Scheduflexadmin@acc.lk

Right Panel (Teal):

- Hello, Welcome to ScheduFlex**: A heading with a white underline.
- Together, Let's make an excellent learning & teaching experience !**: A motivational message in white text.

Figure 1.1 Illustrates the input for Teacher ID.

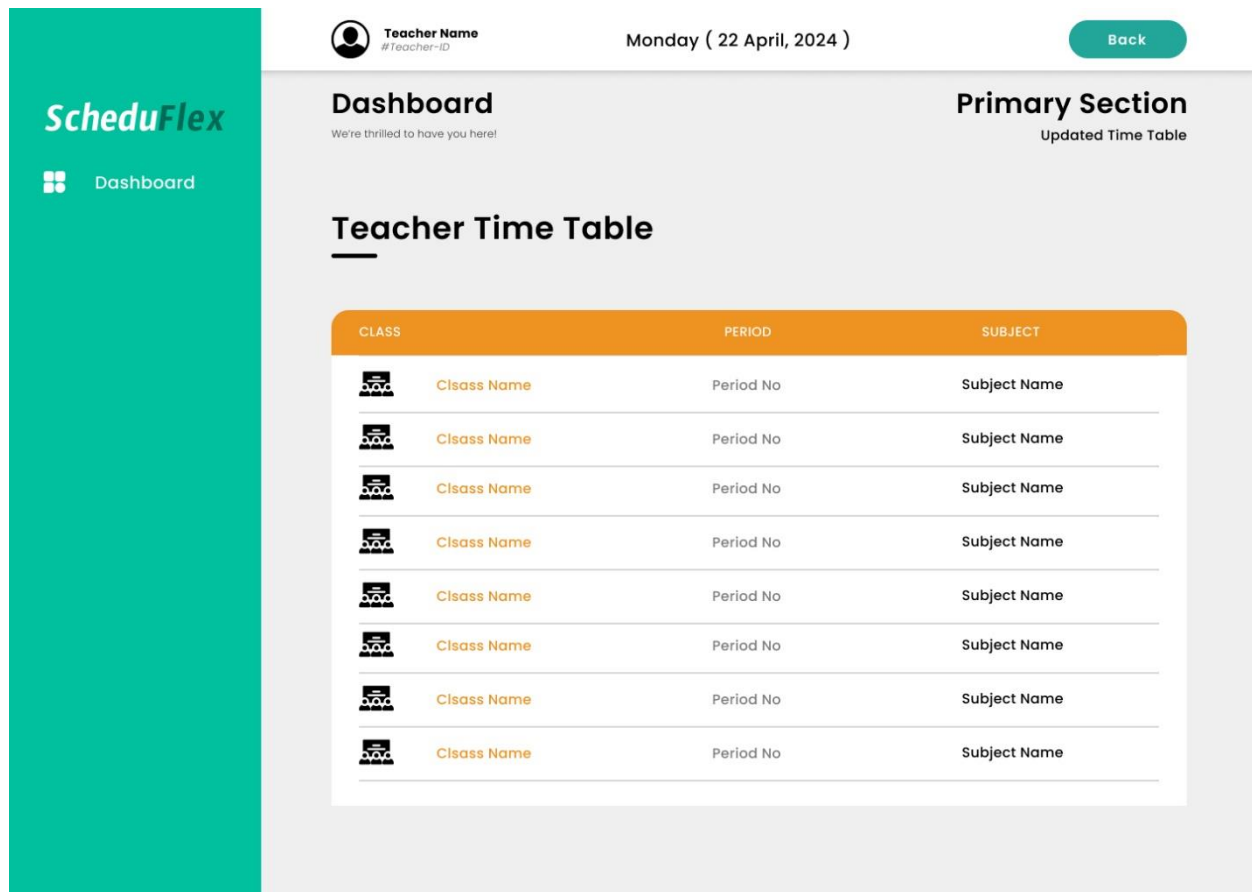


Figure 1.1 Illustrates the Teacher's Updated timetable for the Relevant day.

The teacher can view their updated day schedule with assigned relief periods. Class, period, and subject are simply displayed on the interface.

Use this link for further examination:

<https://www.figma.com/community/file/1364313245701025926/scheduflex>