

# Heuristic Evaluation of the Break Schedule App

## 1. Visibility of System Status

The Break Schedule app keeps users informed by displaying loading indicators during registration and login. During registration, the app shows a "Redirecting..." message, followed by a success message upon completion. Also, success and error messages appear when submitting a shift swap or updating schedules.

### Example:

[< Back](#)

## Register

Register

Registration successful! Redirecting...

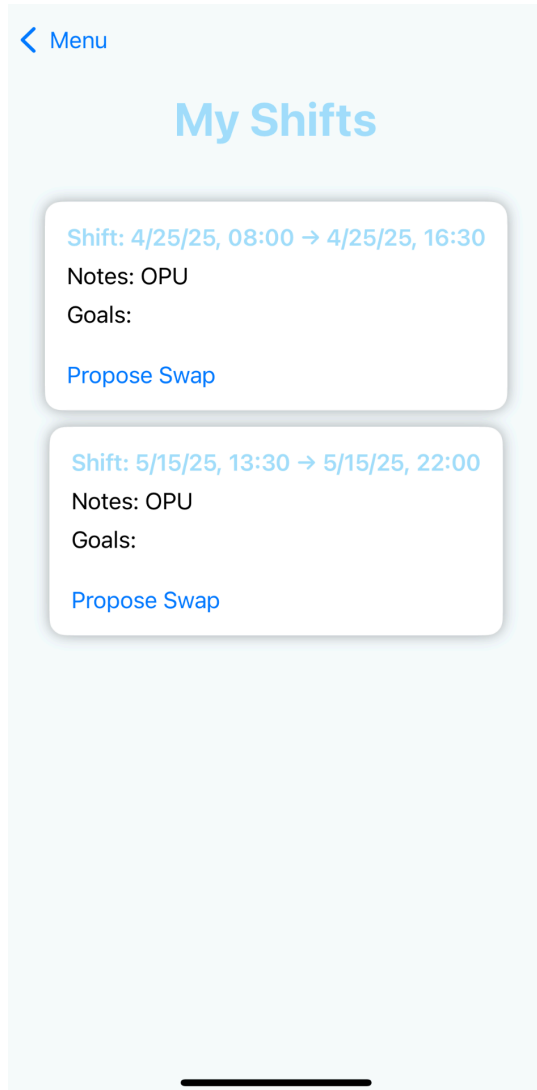
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**Improvements:** Could add a progress bar during long data fetch operations to keep users informed.

## 2. Match Between System and the Real World

The app uses familiar visual metaphors such as calendar-like schedules and intuitive icons for actions like swapping and editing. This makes the interface easily relatable for users familiar with scheduling systems.

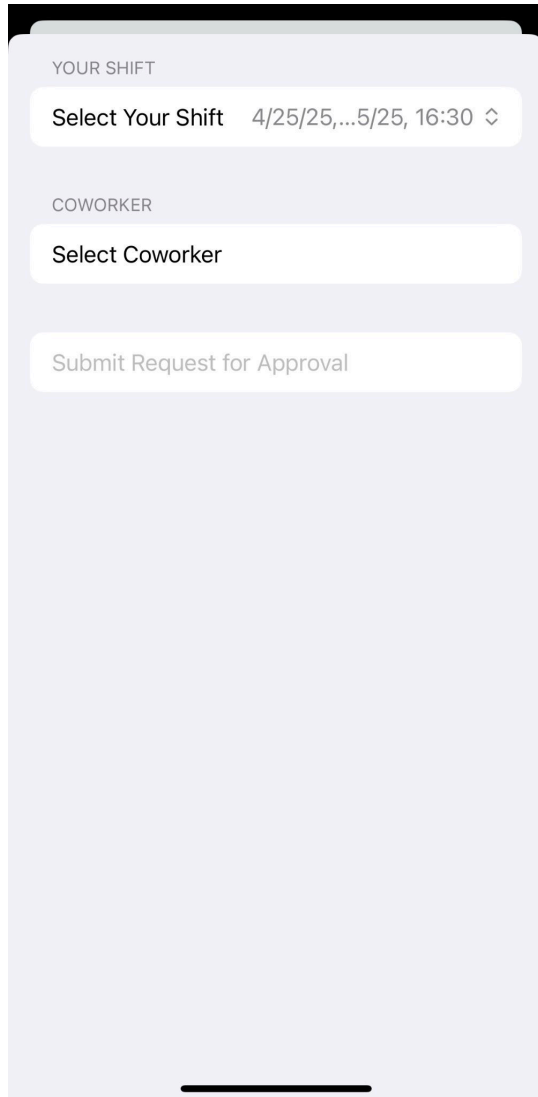
**Example:**



### 3. User Control and Freedom

The app allows users to enter shift swap requests and choose a coworker you want to switch with. Also, there is a back button on all pages to enable navigation.

**Example:**



YOUR SHIFT

Select Your Shift 4/25/25,...5/25, 16:30 ↕

COWORKER

Select Coworker

Submit Request for Approval

**Improvements:** Add a cancel swap option for accidental shift swaps.

#### 4. Consistency and Standards

All buttons follow a uniform design, and the blue theme applies consistently across headings and interactive elements. Also, the layout follows standard iOS navigation patterns, maintaining a consistent user experience.

##### Example:

The image shows a mobile application interface for creating a schedule. At the top, there is a navigation bar with a blue background. It contains a back arrow and the text "Menu" in blue, a back arrow and the text "Back" in blue, a blue button labeled "Create Schedule", and a blue circle with three dots. Below the navigation bar, the text "ECAPIRCHIO" is displayed. The main content area is a light gray rectangle. It contains a form with the following elements: a "Shift Start" label, a date input field showing "May 15, 2025", and a time input field showing "11:11"; a "Shift End" label, a date input field showing "May 15, 2025", and a time input field showing "19:11"; a row of three buttons labeled "OPU", "SFS", and "TL"; and a text input field labeled "Goals". The bottom of the screen shows a black horizontal line, indicating the home indicator on an iPhone.

< Menu

< Back Create Schedule ...

ECAPIRCHIO

Shift Start May 15, 2025 11:11

Shift End May 15, 2025 19:11

OPU SFS TL

Goals

## 5. Error Prevention

To minimize errors, the app validates user input when creating shifts or swaps, preventing submission of incomplete forms. During login, if the username or password is incorrect, the app displays a clear error message: "Wrong username or password." This helps users quickly identify and correct their input.


**Example:**

# Login

Wrong username or password

Log In

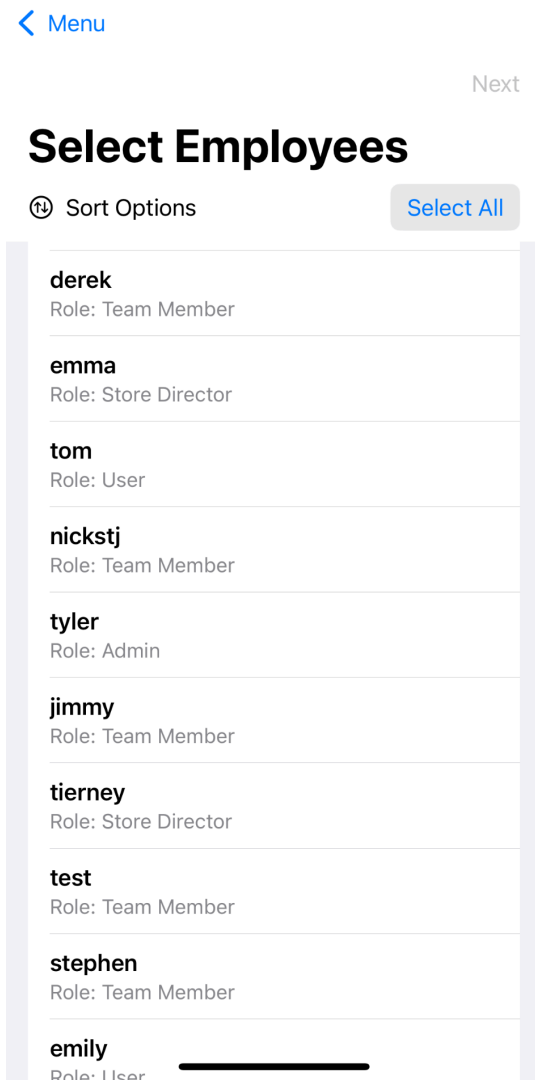
[Don't have an account? Register](#)

 Sign in with Apple

## 6. Recognition Rather Than Recall

The app displays employee names and roles clearly within employee lists, reducing the need to remember specific details. Icons and labels are intuitive, minimizing cognitive load.

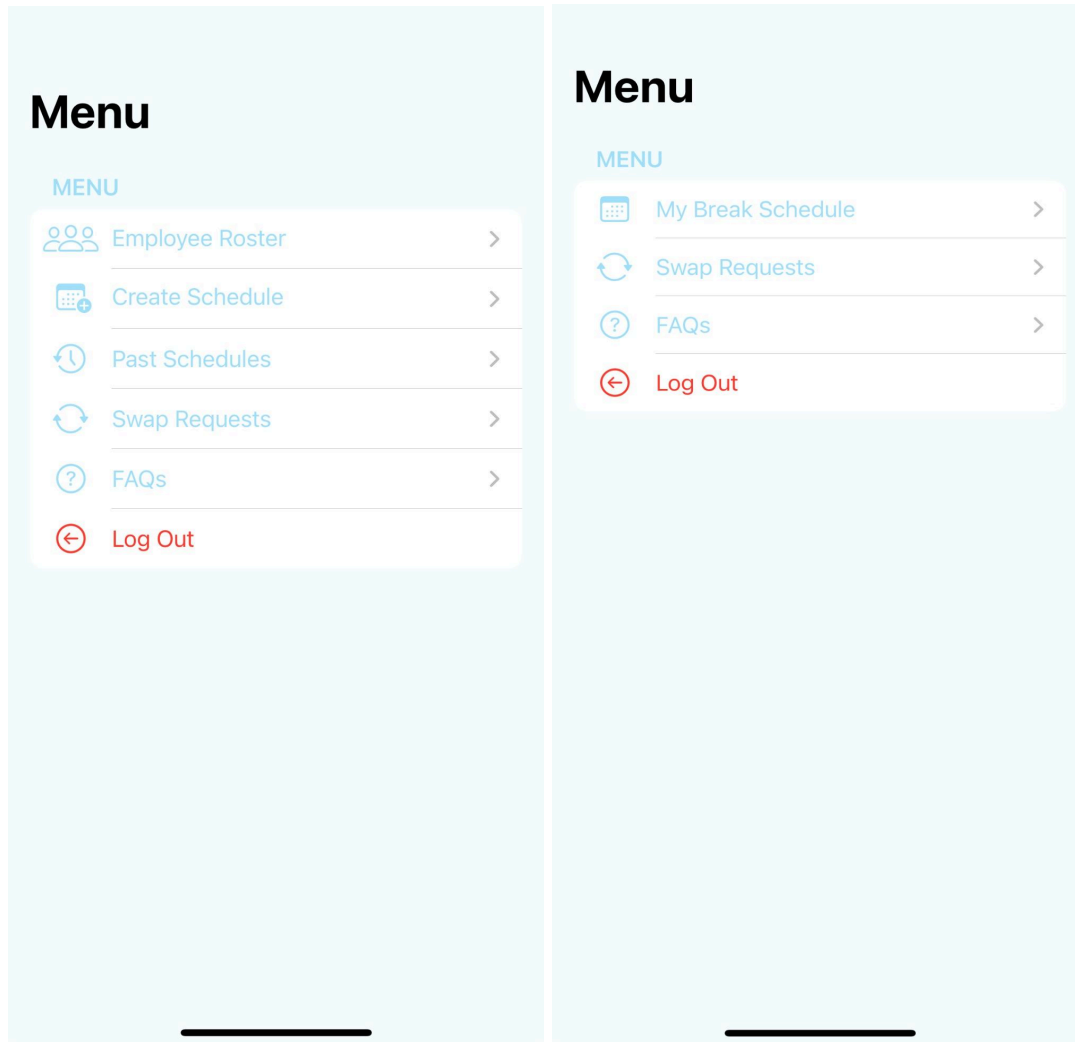
**Example:**



## 7. Flexibility and Efficiency of Use

Both new and experienced users can navigate efficiently thanks to simple, labeled buttons and shortcuts for common actions. Admin features are clearly marked and accessible only to authorized roles.

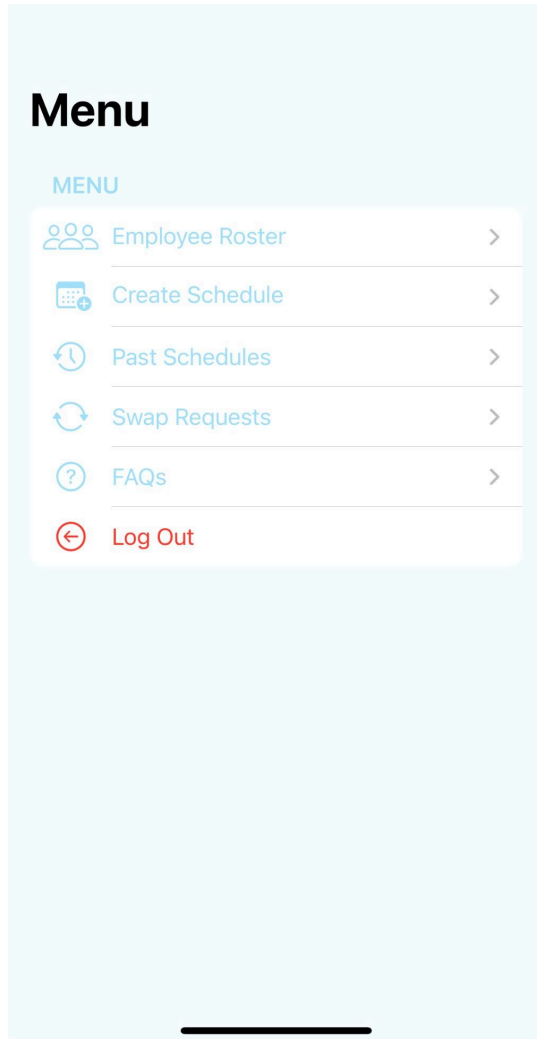
**Example:**



## 8. Aesthetic and Minimalist Design

The app maintains a clean and minimalist aesthetic, focusing on essential information without clutter. The blue theme highlights key actions without overwhelming the interface.

**Example:**





## 9. Help Users Recognize, Diagnose, and Recover from Errors

Error messages are displayed with clear explanations and suggestions for corrective actions. If a registration fails, the error message includes the reason and a retry option.

**Example:**

[< Back](#)

### Register

Register

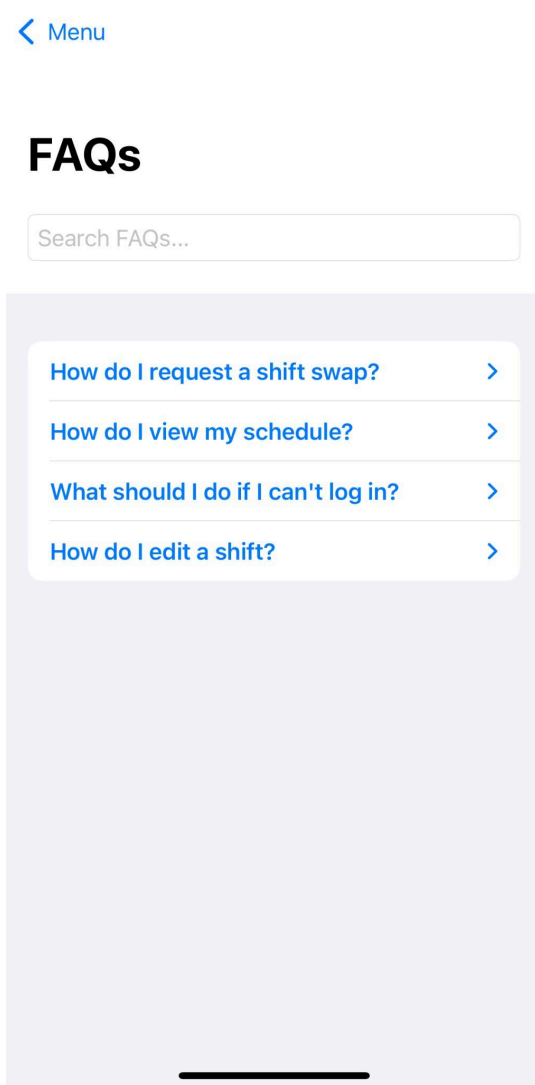
Error: Username already taken. Try  
another username



## 10. Help and Documentation

The app includes a help section accessible from the main menu. It covers common questions about scheduling shifts, swapping, and using the admin dashboard.

**Example:**



**Improvements:** Enhance the help section with a functional search option to look through troubleshooting issues.