

## 18.3 Screen Images

### 18.3.1.1 Login Interface

User can log into the system by entering his/her username and password, If the user forgets his or her password, the system will save.

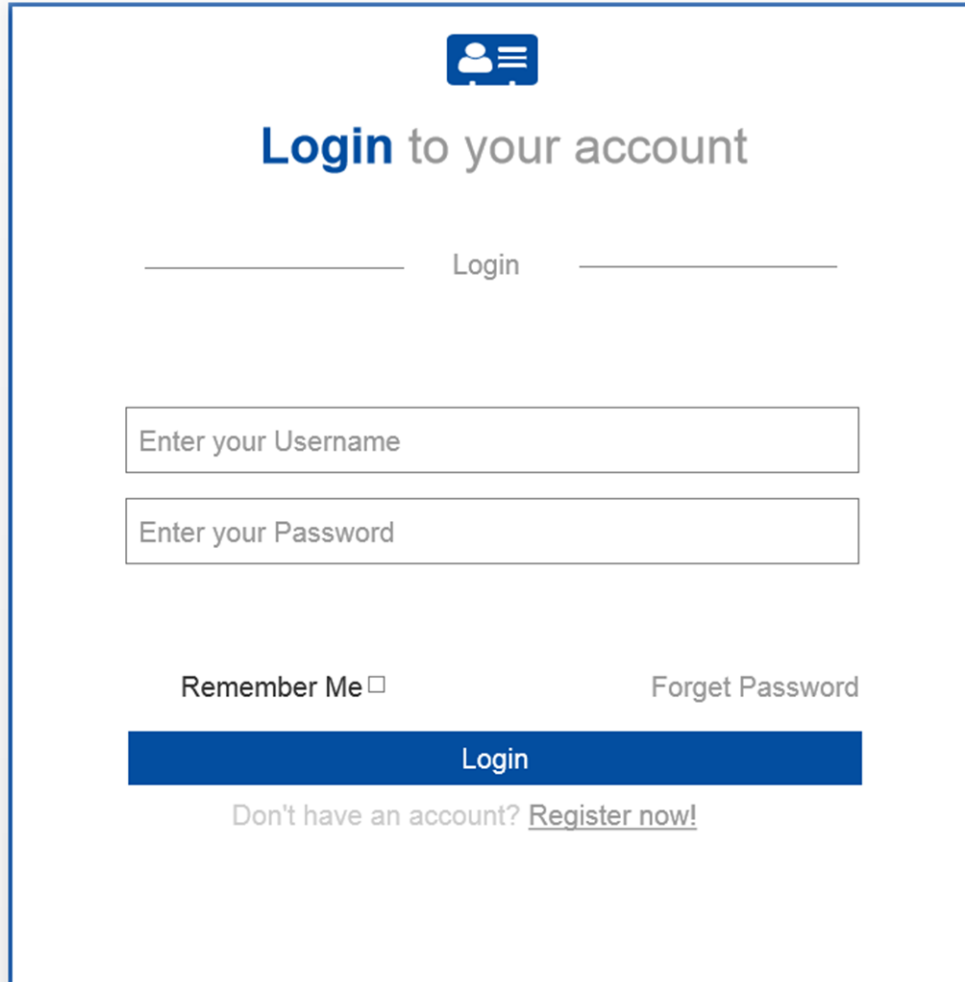
A login interface mockup enclosed in a blue border. At the top center is a blue icon of a person with a list. Below it, the text "Login to your account" is displayed, with "Login" in bold blue and "to your account" in grey. Underneath is a horizontal line with the word "Login" centered. Below this are two input fields: "Enter your Username" and "Enter your Password". Below the password field are two links: "Remember Me" followed by an unchecked checkbox, and "Forget Password". Below these is a solid blue button with the word "Login" in white. At the bottom, the text "Don't have an account? [Register now!](#)" is displayed, with "Register now!" underlined and in blue.

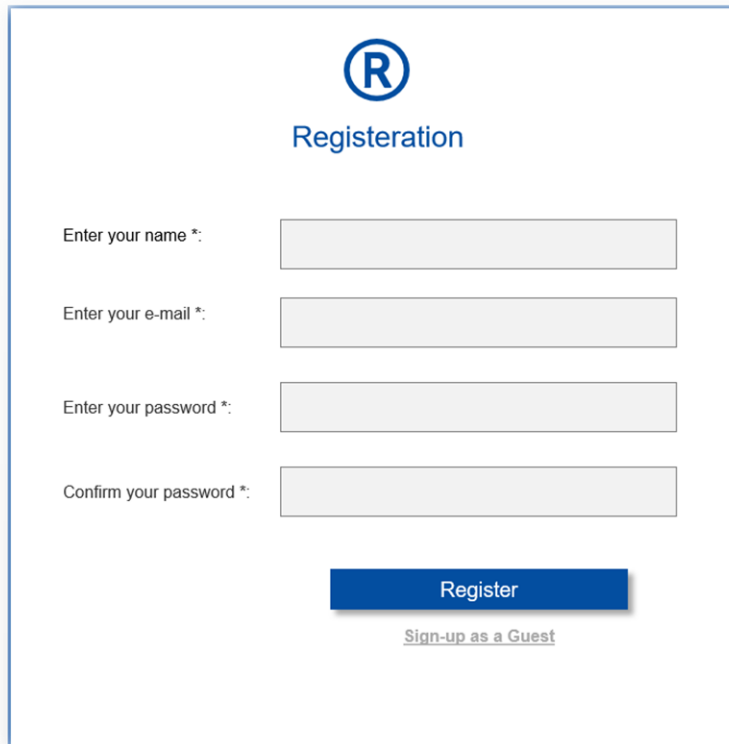
Figure 1: login interface

Table 1: login interface description

Login Interface Figure (1)	
Object	Action
"Username" text field	The user enters the username in the desired field.
"Password" text field	The user enters his or her password in the required field
"Forget password?" link	Redirects the user to Forgot Password interface.
"Remember me" check box	To allow the user to save their username and password, the information will be saved as cookies, so the username and password will be saved the second time you log on.
"Login" button	To verify the username and password entered by the user, when the username and password are correct, the user will be directed to the main interface.
"Register now" link	It will forward the user to registration interface

### 18.3.1.2 Registration Interface

In the Registration interface the user must register his name and information to be logged into the system and will require entering the username, the confirm password, and the email of the user.



The registration interface is a web form with a blue border. At the top center is a blue circular logo containing a white 'R'. Below the logo, the word 'Registration' is written in blue. The form contains four input fields, each preceded by a label: 'Enter your name \*:', 'Enter your e-mail \*:', 'Enter your password \*:', and 'Confirm your password \*:'. Each input field is a light gray rectangle. Below the input fields is a blue button with the text 'Register' in white. Below the button is a link that says 'Sign-up as a Guest' in a smaller, gray font.

*Figure 2: Register interface*

### 18.3.1.3 Admin Home Page Interface

The admin page has several options that the administrator can access by clicking on the icon and then navigating to the page he wants. Those options are password change, add user and device, requests, block, reports, and see the sessions and their times. There is also a table in the list of users that appears at the administrator age.

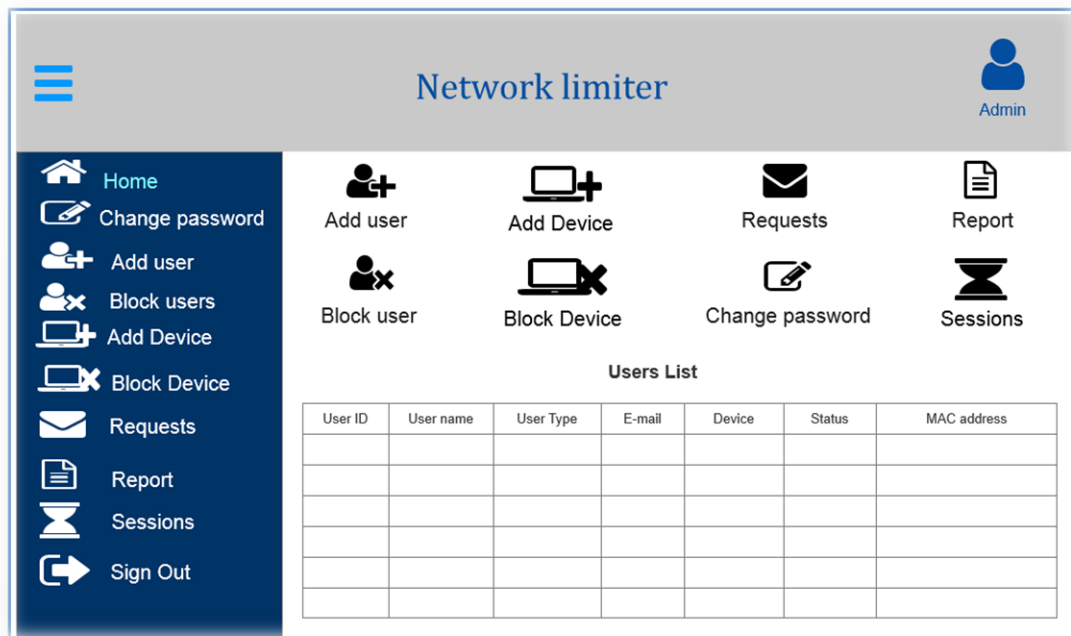


Figure 3: Admin home page interface

18.3.1.4 User Home Page Interface

The user's home page has several options and the page interface has a play button where the user's time is calculated. Several options can be accessed by the user by clicking on them. If he wants to request an extension, there are three tables, the first table, which is the workday of sessions

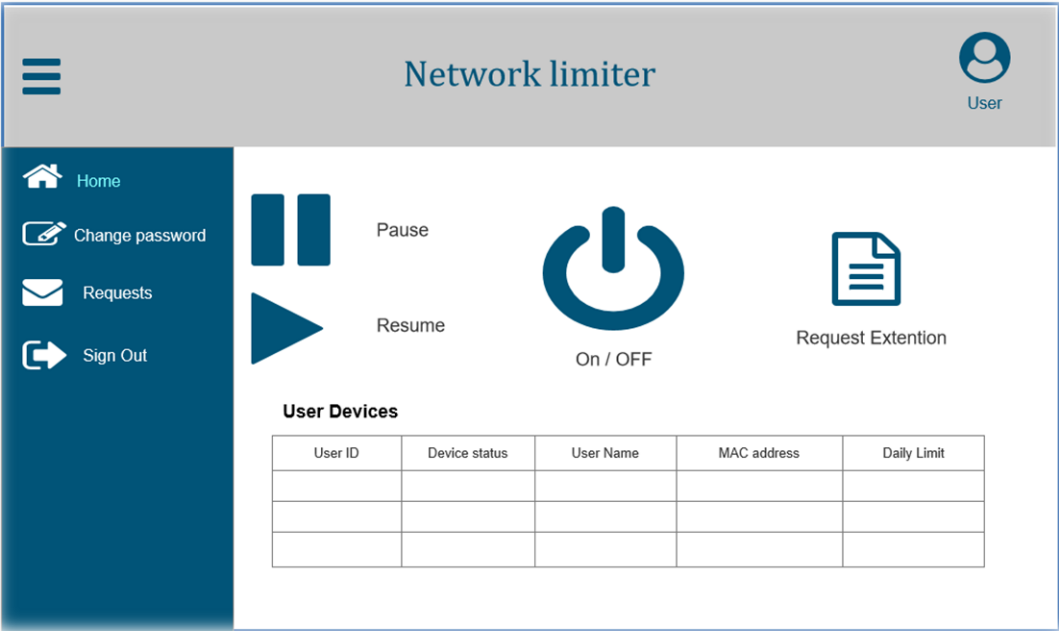
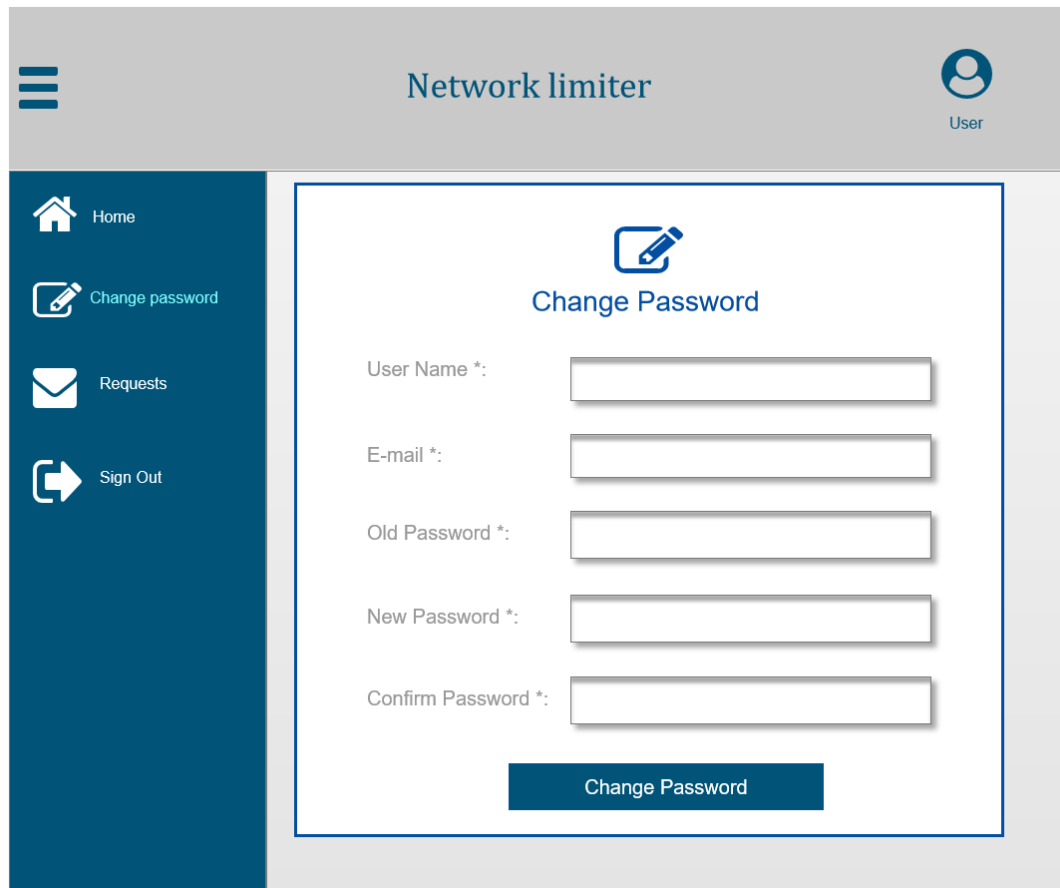


Figure 4: user interface

### 18.3.1.5 Change Password Interface

The password change interface for the user or the network requires both the username and the old password set by the user and the new password and confirm the new password to be changed and then press the button to change the password.

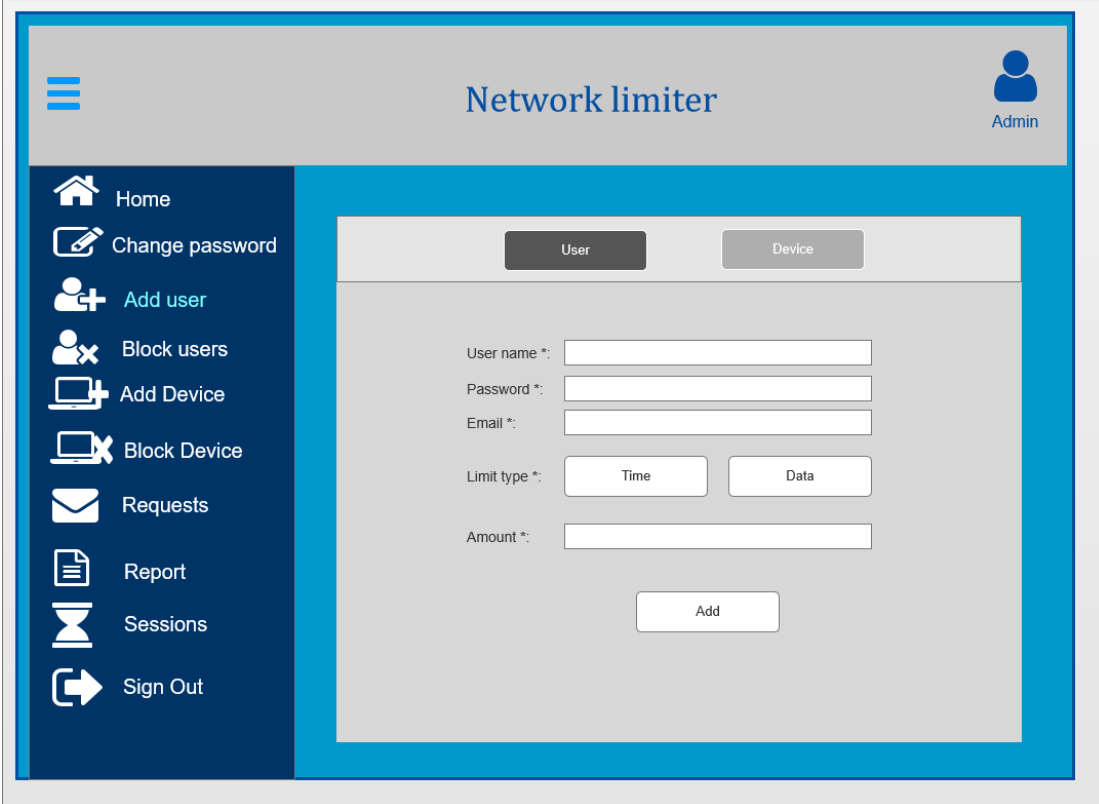


The screenshot displays the 'Network limiter' application interface. At the top, a grey header bar contains a menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'User' on the right. A dark blue sidebar on the left lists navigation options: 'Home' (house icon), 'Change password' (pencil icon), 'Requests' (envelope icon), and 'Sign Out' (logout icon). The main content area, titled 'Change Password' with a pencil icon, contains five input fields labeled 'User Name \*:', 'E-mail \*:', 'Old Password \*:', 'New Password \*:', and 'Confirm Password \*:'. Each field is a white rectangle with a thin grey border. Below these fields is a dark blue button with the text 'Change Password' in white.

*Figure 5: change password interface*

### 18.3.1.6 Add User Interface

The user interface has two buttons, the first button is "User" and the second is "Device" when you click on the user button there will be a user name and password and MAC address and a button chosen by the user name if he wants to use the Internet time or data time field or data specified for the user

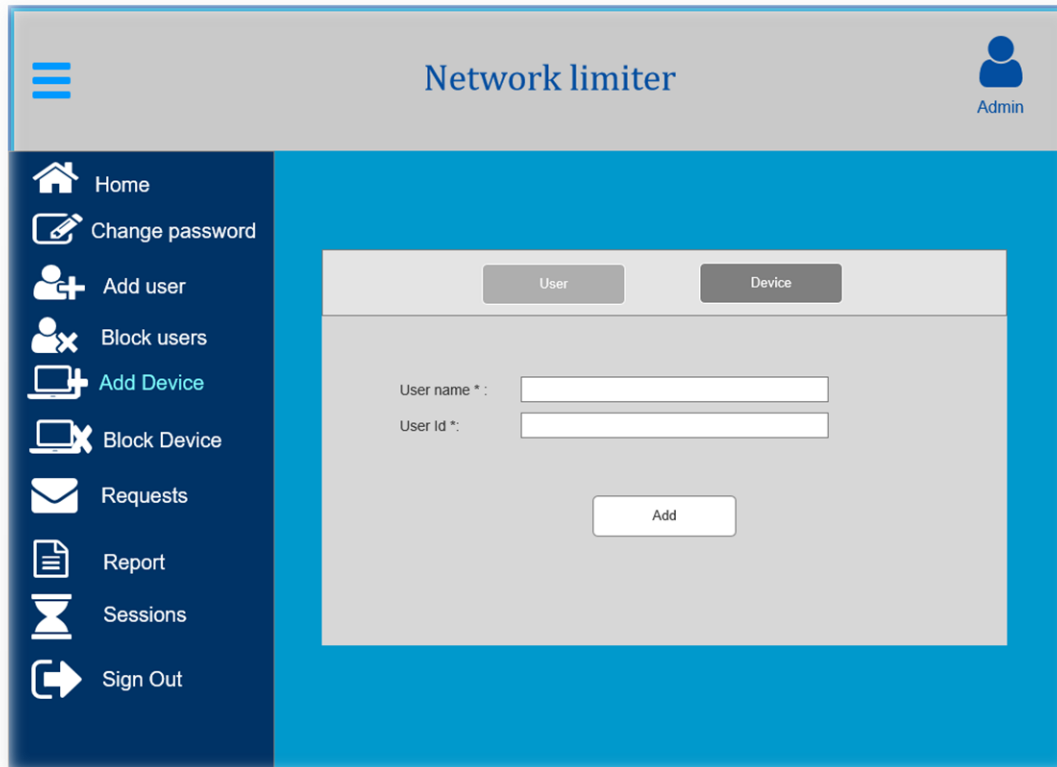


The screenshot displays the 'Network limiter' web application interface. On the left is a dark blue sidebar with a menu containing: Home, Change password, Add user, Block users, Add Device, Block Device, Requests, Report, Sessions, and Sign Out. The top header is light gray with a hamburger menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'Admin' on the right. The main content area has a light gray background. At the top of this area are two buttons: 'User' (active) and 'Device'. Below these buttons is a form with the following fields: 'User name \*:' with a text input, 'Password \*:' with a text input, 'Email \*:' with a text input, 'Limit type \*:' with two radio buttons labeled 'Time' and 'Data', and 'Amount \*:' with a text input. An 'Add' button is positioned at the bottom center of the form.

Figure 6: add user interface

### 18.3.1.7 Add Device Interface

If the device button is clicked by the administrator, it shows the username and owner id and MAC address then the device is added.



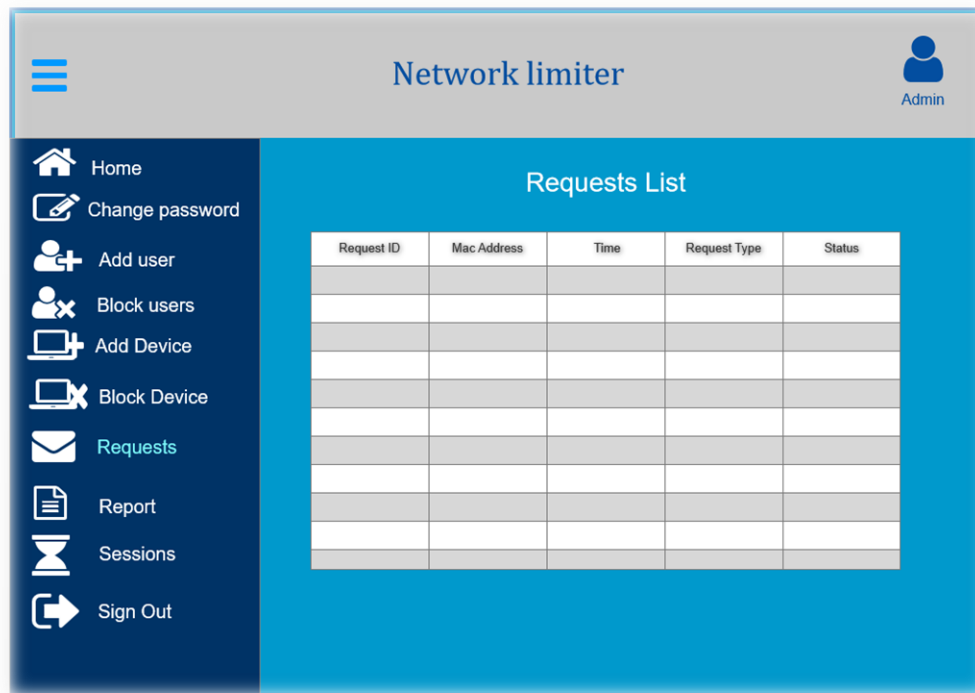
The screenshot displays the 'Network limiter' web application interface. At the top, there is a header bar with a hamburger menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'Admin' on the right. A dark blue sidebar on the left contains a list of navigation options: Home, Change password, Add user, Block users, Add Device (highlighted in blue), Block Device, Requests, Report, Sessions, and Sign Out. The main content area has a blue background and features a light gray form box. At the top of this form box are two tabs: 'User' and 'Device', with 'Device' being the active tab. Below the tabs, the form contains two input fields: 'User name \* :' and 'User Id \* :'. An 'Add' button is positioned at the bottom center of the form box.

Figure 7: add device figure



### 18.3.1.8 Check Request Interface

In the Order Verification interface, a table appears where the administrator has the request id, mac address, time, request type and status. Either the application will be accepted or rejected.



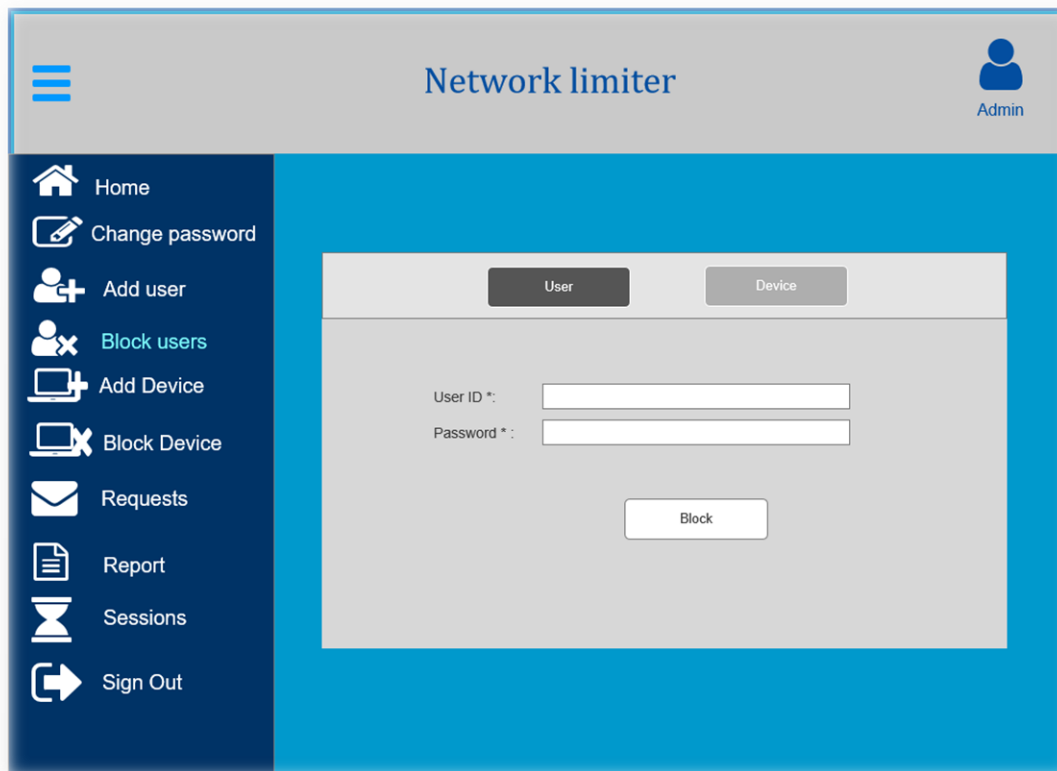
The screenshot displays the 'Network limiter' web interface. On the left is a dark blue sidebar with a menu containing: Home, Change password, Add user, Block users, Add Device, Block Device, Requests (highlighted in green), Report, Sessions, and Sign Out. The top header is grey with a hamburger menu icon, the text 'Network limiter', and a user profile icon labeled 'Admin'. The main content area has a blue background and is titled 'Requests List'. It contains a table with five columns: Request ID, Mac Address, Time, Request Type, and Status. The table has 12 empty rows.

Request ID	Mac Address	Time	Request Type	Status

Figure 8: Request list interface

### 18.3.1.9 Block User Interface

The admin has several options if he wants to block either a device or a user who clicks on the "Block" button and goes to the block page and when you click on the user it will show the user name and password and MAC address and when the data entry is completed, the user is blocked.

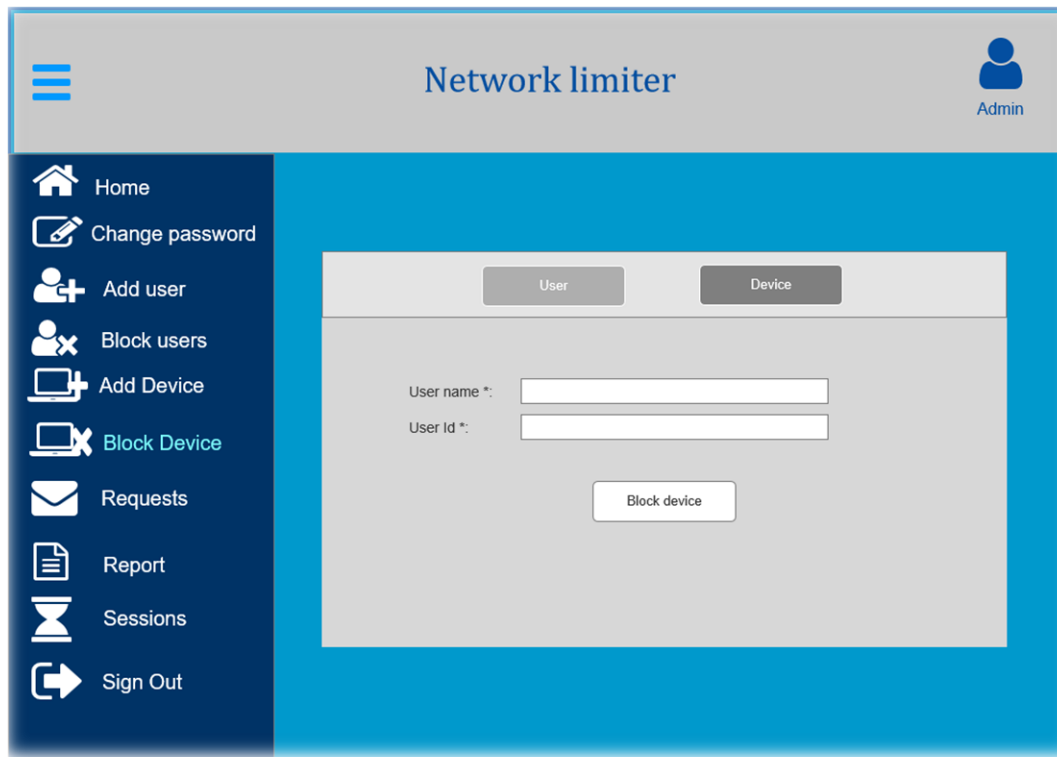


The screenshot displays the 'Network limiter' web application interface. On the left is a dark blue sidebar with a menu containing: Home, Change password, Add user, Block users (highlighted in blue), Add Device, Block Device, Requests, Report, Sessions, and Sign Out. The top header is light gray with the title 'Network limiter' and an 'Admin' user profile icon. The main content area has a blue background and features a central gray form. At the top of the form are two tabs: 'User' (selected) and 'Device'. Below the tabs are two input fields labeled 'User ID \*:' and 'Password \*:'. A 'Block' button is positioned at the bottom of the form.

Figure 9: block user interface

### 18.3.1.10 Block Device Interface

When the device is clicked, the MAC address and username will be displayed. When the data entry is complete, the block button is clicked, and the device is blocked.

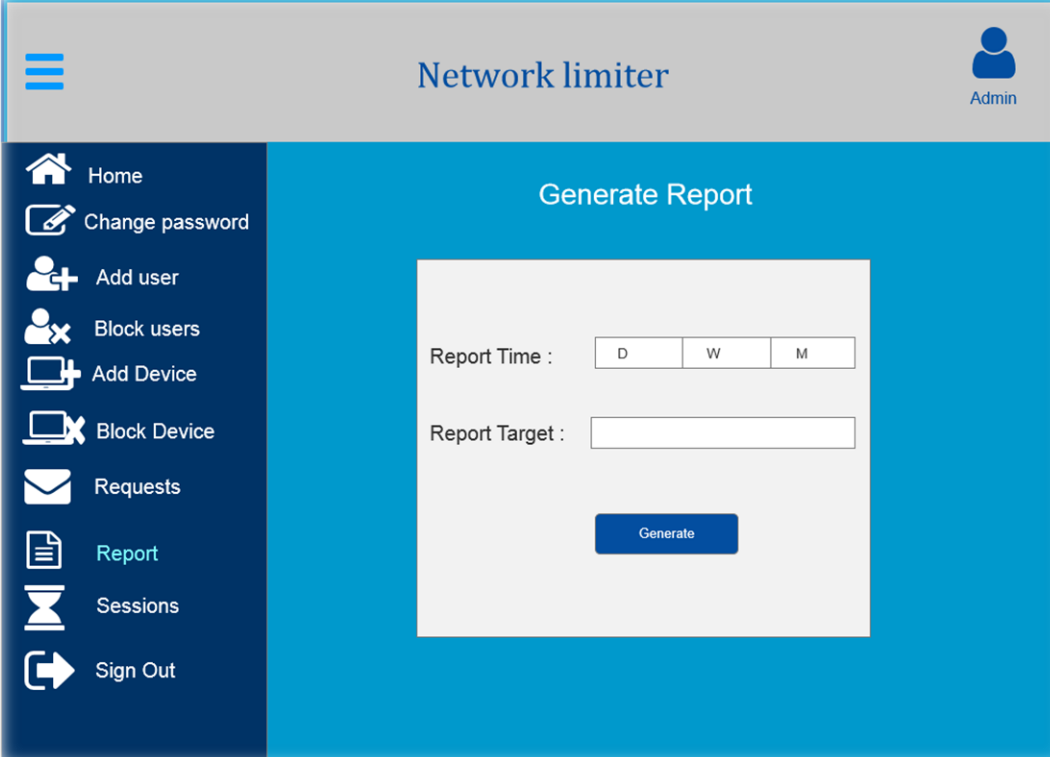


The screenshot shows the 'Network limiter' web application interface. At the top, there is a header bar with a hamburger menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'Admin' on the right. A dark blue sidebar on the left contains a list of navigation items: 'Home' (house icon), 'Change password' (pencil icon), 'Add user' (person with plus icon), 'Block users' (person with X icon), 'Add Device' (laptop with plus icon), 'Block Device' (laptop with X icon, highlighted in green), 'Requests' (envelope icon), 'Report' (document icon), 'Sessions' (hourglass icon), and 'Sign Out' (arrow icon). The main content area has a blue background. At the top of this area, there are two tabs: 'User' and 'Device', with 'Device' being the active tab. Below the tabs is a form with two input fields: 'User name \*:' and 'User Id \*:'. Below these fields is a button labeled 'Block device'.

Figure 10: block device interface

### 18.3.1.11 Report Interface

In the main interface, there are several options for the supervisor, as clicking on the Reports button will take you to the Reports page and you could specify the type of the reports whether to be daily, weekly or monthly and the target of the report and then click on generate.



The screenshot displays the 'Network limiter' web application interface. At the top, a grey header bar contains a blue hamburger menu icon on the left, the text 'Network limiter' in the center, and a user profile icon labeled 'Admin' on the right. A dark blue sidebar on the left lists navigation options: Home, Change password, Add user, Block users, Add Device, Block Device, Requests, Report (highlighted in green), Sessions, and Sign Out. The main content area has a blue background and is titled 'Generate Report'. It features a white form with two input fields: 'Report Time' with three sub-fields for 'D', 'W', and 'M', and 'Report Target' with a single text input field. A blue 'Generate' button is positioned below the 'Report Target' field.

Figure 11: report interface

### 18.3.1.12 Sessions Interface

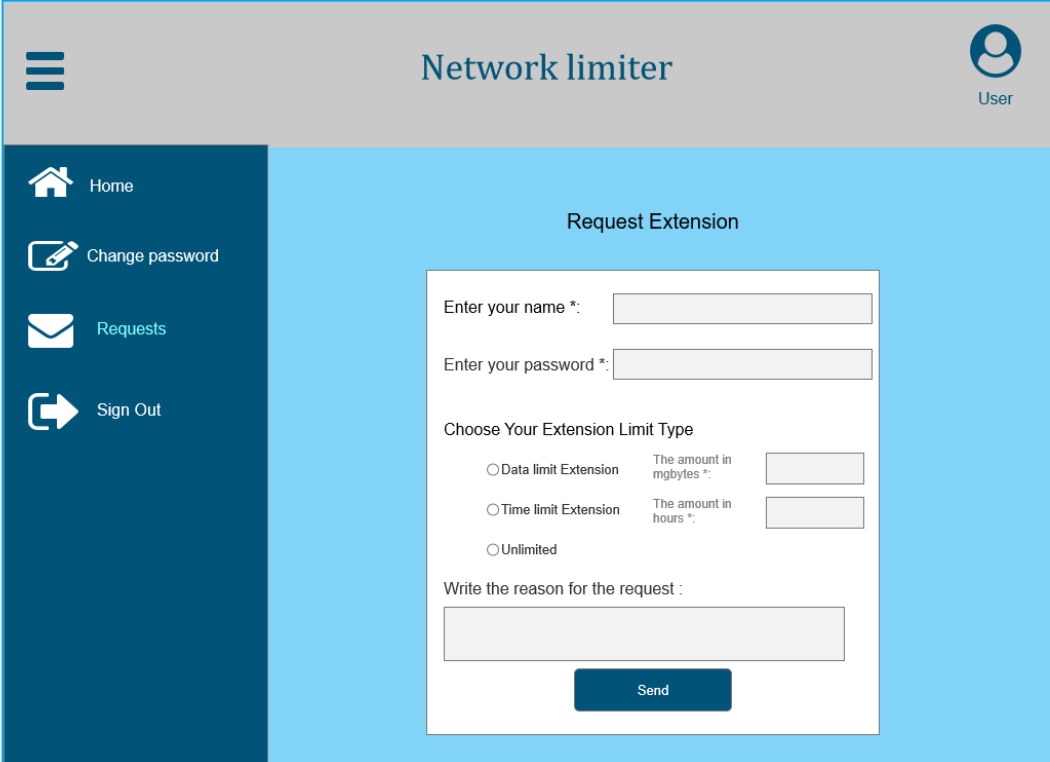
In the main interface, there are several options for the admin, the admin can see the sessions for each user then analyze their behavior so he can change the time for them or the data amount just by increasing or decreasing them depending on the sessions.

Session ID	Mac Address	Session Start	Session End

Figure 12: sessions interface

### 18.3.1.13 User Request Extension

In the main interface of the user there are several options as pressing the extension request button will go to the extension request page and there will be two options for the user to extend the time either by data or hours in order to use the Internet and then click on the request button and will direct his request to the administrator.



The screenshot displays the 'Network limiter' user interface. At the top, there is a header bar with a hamburger menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'User' on the right. Below the header, a dark blue sidebar on the left contains four menu items: 'Home' (with a house icon), 'Change password' (with a pencil icon), 'Requests' (with an envelope icon), and 'Sign Out' (with a right-pointing arrow icon). The main content area has a light blue background and is titled 'Request Extension'. It contains a white form with the following fields: 'Enter your name \*:' with a text input box, 'Enter your password \*:' with a text input box, 'Choose Your Extension Limit Type' with three radio button options: 'Data limit Extension', 'Time limit Extension', and 'Unlimited'. To the right of the 'Data limit Extension' and 'Time limit Extension' options are input boxes labeled 'The amount in mbytes \*:' and 'The amount in hours \*:' respectively. Below these is a 'Write the reason for the request :' label followed by a large text area. At the bottom of the form is a dark blue 'Send' button.

Figure 13: user request extension interface

18.3.1.14 Guest Home Page

The guest's home page has several options and the page interface has play button where the guest's time is calculated. He can request for an extension.

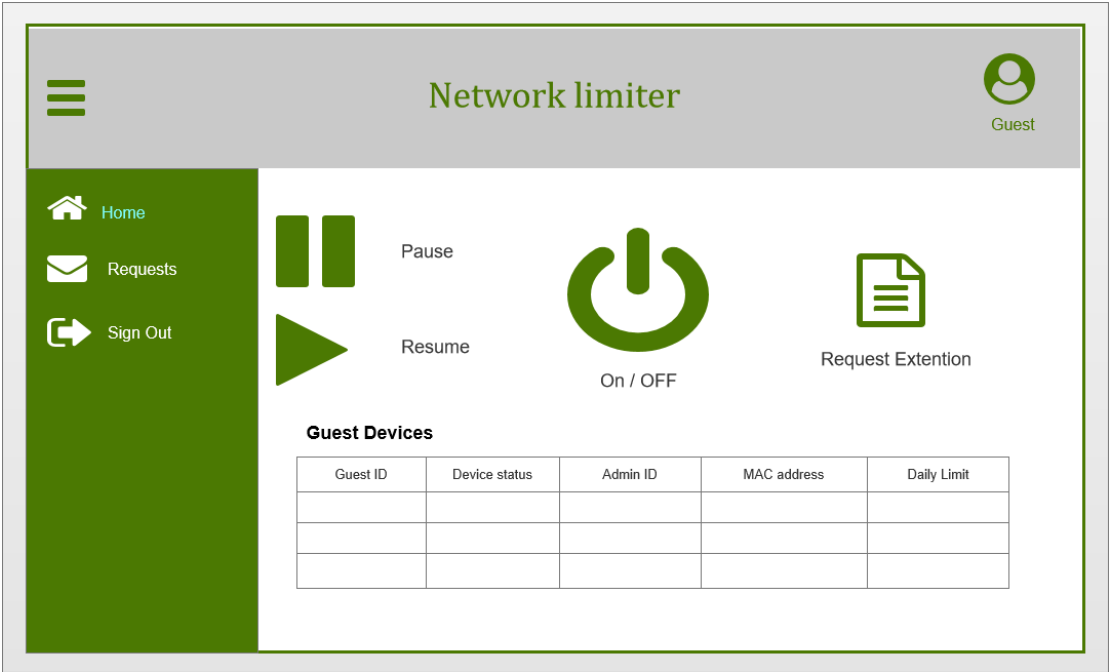
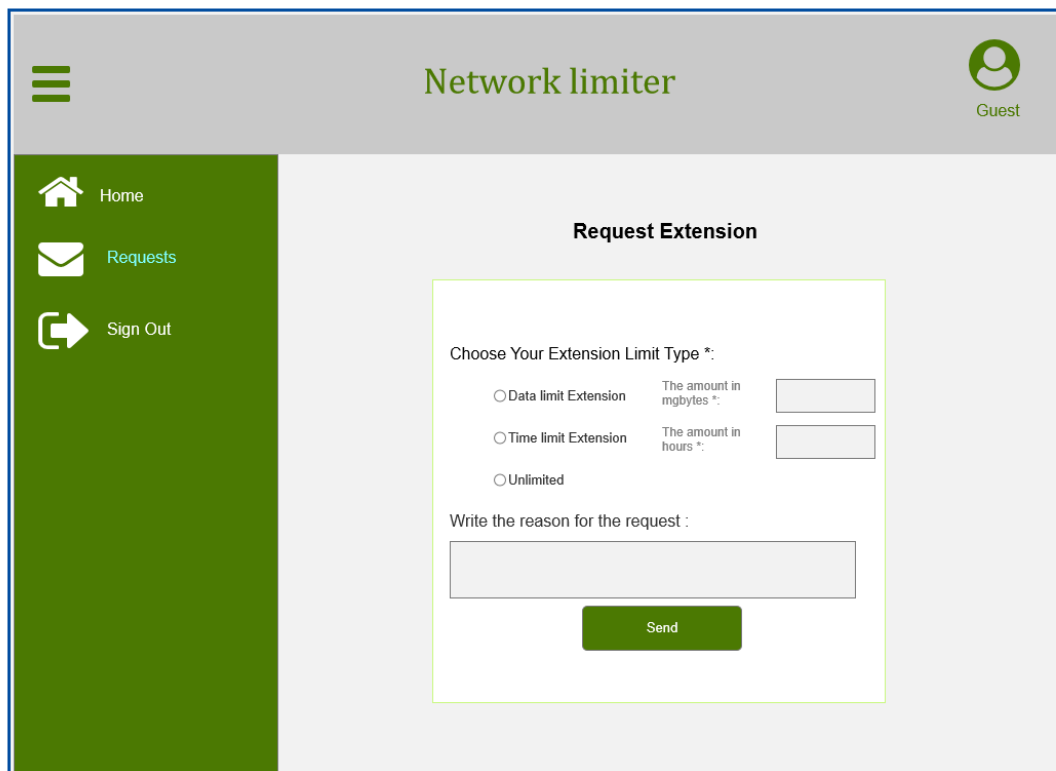


Figure 14: guest home page

### 18.3.1.15 Guest Request Extension

In the main interface of the guest has several options, like pressing the extension request button will go to the extension request page and there will be three options for the guest to extend the time, he can choose the limit according to data, hours, or unlimited. Then he can click on the request button and will direct his request to the administrator.



The screenshot displays the 'Network limiter' web application. On the left is a dark green sidebar with three menu items: 'Home' (house icon), 'Requests' (envelope icon), and 'Sign Out' (arrow icon). The top header is light gray with a hamburger menu icon on the left, the title 'Network limiter' in the center, and a user profile icon labeled 'Guest' on the right. The main content area is light gray and features a 'Request Extension' section. This section contains a form with the following elements: a heading 'Choose Your Extension Limit Type \*:', three radio button options ('Data limit Extension', 'Time limit Extension', and 'Unlimited'), two input fields for numerical values (labeled 'The amount in mbytes \*:' and 'The amount in hours \*:'), a text area for 'Write the reason for the request:', and a green 'Send' button.

Figure 15: guest request extension