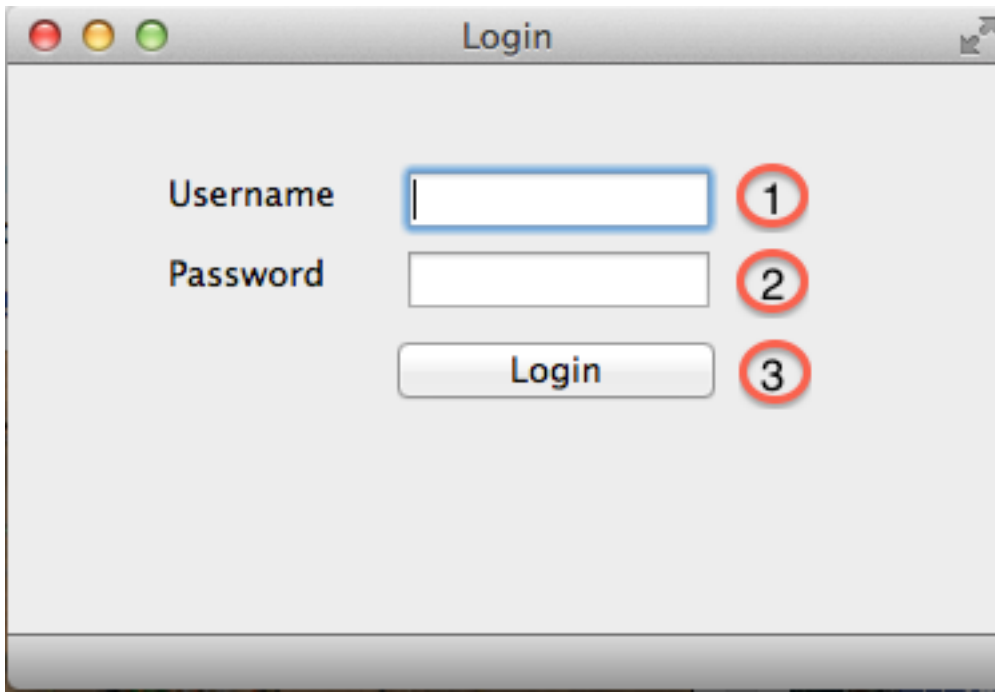


User Manual of FLEYE Server Side

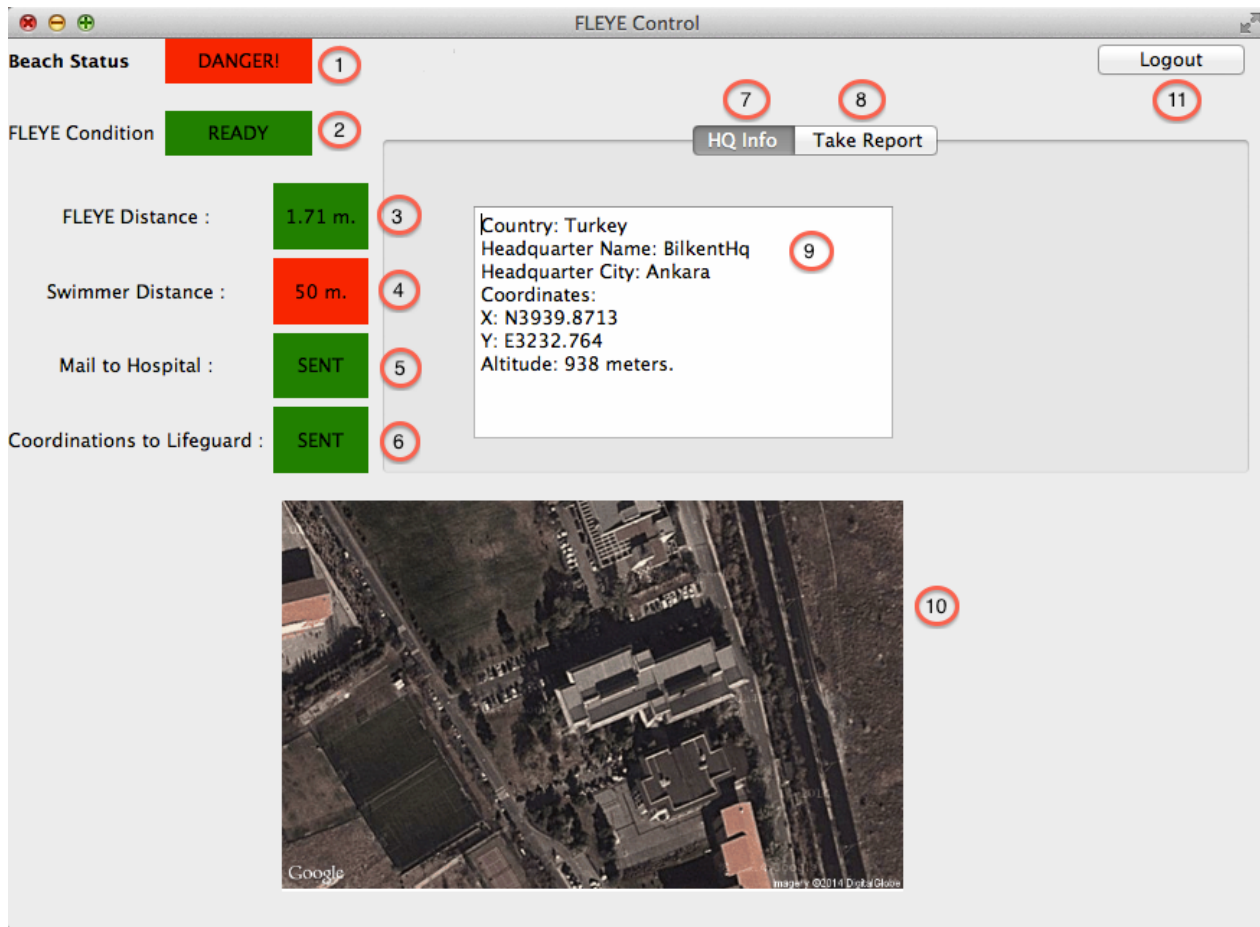
- Login Screen Of FLEYE Server Side



The screenshot shows a standard macOS-style window titled "Login". Inside the window, there are three main components arranged vertically: a "Username" label followed by a text input field (highlighted with a blue border and a red circle with the number 1), a "Password" label followed by a text input field (marked with a red circle with the number 2), and a "Login" button (marked with a red circle with the number 3).

- 1- Username must be entered
- 2- Password must be entered
- 3- If credentials are true, after clicking button you will be logged in.

- Main Window Of FLEYE Server Side



- **1-** Beach Status area shows you that there is a danger on the beach or not. It is green when there is no danger. However, it turns red when server receives a signal
- **2-** If FLEYE's all parts are working correctly, it will show green. However, if FLEYE has an error, it turns red.
- **3-** It shows the distance between FLEYE and the server. After 100m. it turns red.
- **4-** It shows the distance between FLEYE and the swimmer. It will show green unless swimmer distance is greater than 50m.
- **5-** It shows the mail has been sent or not. Default is green. When server receives signal and mail has been sent to the hospital, it will turn green. If mail cannot be sent then it shows RED with alert.
- **6-** It shows the coordination of the swimmer has been sent to lifeguard's application. Default is green. If coordination cannot be sent, then it turns red.
- **7-** Tab for HQ Info. When you click on it, it will show the information about current headquarter in a textbox.

- **8-** Take report tab. When you click it, it will open taking report tab.
- **9-** Information about headquarter is being shown on a textbox.
- **10-** When server receives the coordination the map will be shown using Google Maps API.
- **11-** Logout button. When you click on it you will be logged out.

- Taking Report By Lifeguard'

The screenshot displays the 'FLEYE Control' web application. On the left sidebar, the 'Beach Status' is 'DANGER!' (red), 'FLEYE Condition' is 'READY' (green), 'FLEYE Distance' is '1.71 m.' (green), 'Swimmer Distance' is '50 m.' (red), 'Mail to Hospital' is 'SENT' (green), and 'Coordinations to Lifeguard' is 'SENT' (green). The main content area has two tabs: 'HQ Info' and 'Take Report'. The 'Take Report' tab is active, showing sub-tabs 'By Life Guard', 'By Date', and 'By Swimmer'. The 'By Life Guard' sub-tab is selected, featuring a dropdown menu labeled '1 Select a lifeguard' and a '2 Take Report' button. Below the form is a Google Maps satellite view of a coastal area.

- **1-** Select a lifeguard from drop-down box.
- **2-** Click “Take Report” button and it will create a report by lifeguard name. You will be able to see all information about lifeguard.

• Taking Report By Date

The screenshot shows the 'FLEYE Control' web application. On the left, there's a sidebar with status indicators: 'Beach Status' is 'DANGER!' (red), 'FLEYE Condition' is 'READY' (green), 'FLEYE Distance' is '1.71 m.' (green), 'Swimmer Distance' is '50 m.' (red), 'Mail to Hospital' is 'SENT' (green), and 'Coordinations to Lifeguard' is 'SENT' (green). The main area has two tabs: 'HQ Info' and 'Take Report'. Under 'Take Report', there are three sub-tabs: 'By Life Guard', 'By Date' (selected), and 'By Swimmer'. The 'By Date' sub-tab contains two date pickers: 'Start Date' and 'End Date', both set to '11.03.2014'. Below these is a 'Take Report' button. Red circles with numbers 1, 2, and 3 are placed over the 'Start Date', 'End Date', and 'Take Report' button respectively, indicating the steps for taking a report by date. At the bottom, there is a Google Maps satellite view of a coastal area.

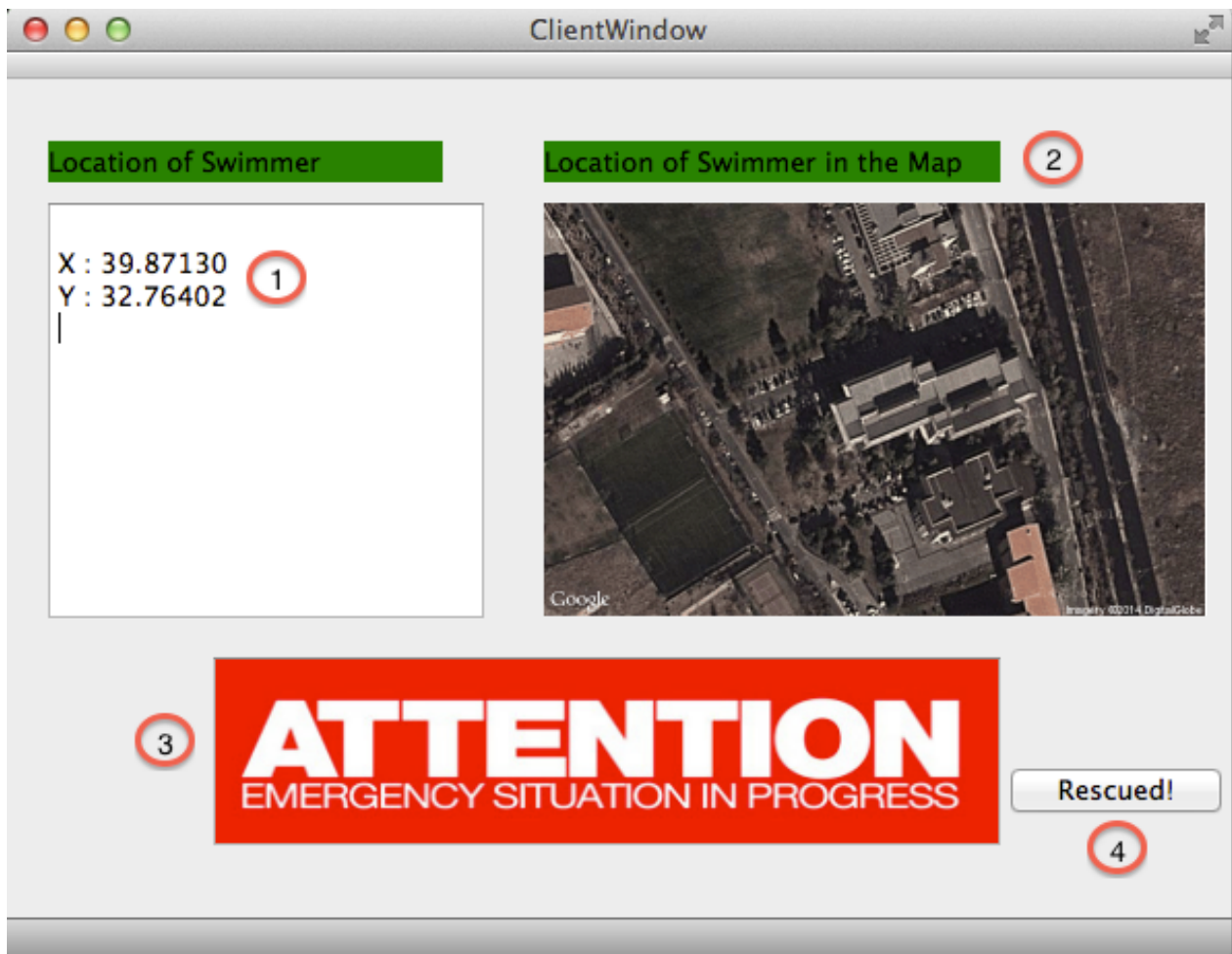
- 1- Select a start date.
- 2- Select a end date.
- 3- When you click “Take Report” button it will create a report that shows events happened between two dates.

• Taking Report By Swimmer

The screenshot shows the 'FLEYE Control' application window. On the left, there are status indicators: 'Beach Status' is 'DANGER!' (red), 'FLEYE Condition' is 'READY' (green), 'FLEYE Distance' is '1.71 m.' (green), 'Swimmer Distance' is '50 m.' (red), 'Mail to Hospital' is 'SENT' (green), and 'Coordinations to Lifeguard' is 'SENT' (green). On the right, there are tabs for 'HQ Info' and 'Take Report'. Under 'Take Report', there are sub-tabs for 'By Life Guard', 'By Date', and 'By Swimmer'. The 'By Swimmer' tab is selected. It contains a dropdown menu labeled '1 Select a swimmer' and a button labeled '2 Take Report'. Below the interface is a satellite map image from Google.

- 1- Select a swimmer from drop-down box.
- 2- Click “Take Report” button and it will create a report by swimmer name. You will be able to see all information about swimmer.

- Lifeguard Program of FLEYE



- 1- You can see the coordinates of swimmer in need.
- 2- When coordinations are received, it will be shown on a map.
- 3- When you see this image, it means there is someone who needs help.
- 4- When you click "Rescued" button. It will reset the layout.