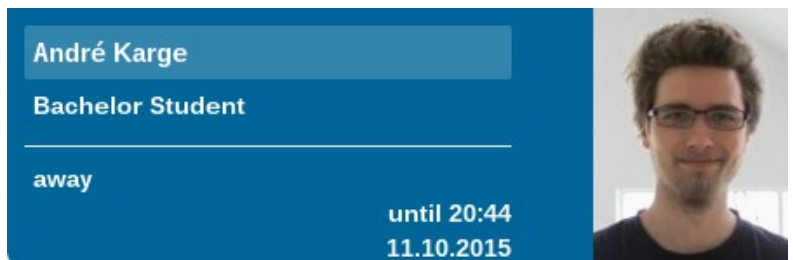# Bauhausboards - Usage

Main View

The main view is used to present personal data like images, gifs, drawings, text, a html background page and the user status. It keeps switching between all users assigned to the room. On the left side is a swipeable sidebar to manually switch between the users or to use a board function.

The Message function is to create a message for users in the room. The Feedback function is to write some feedback for the usability of the board or feature requests. The User Settings function is a backend for the users assigned to the room.
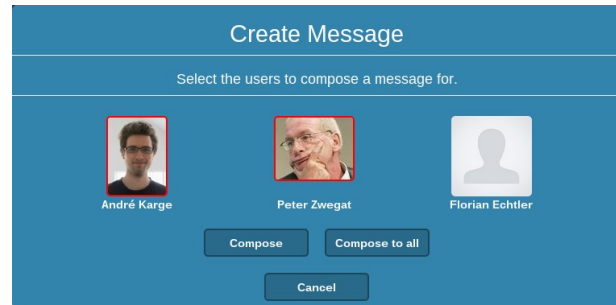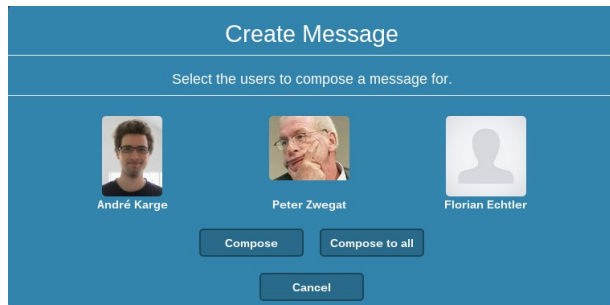
On the top right there is the header area. It contains the user name, the user description, the user image and if set the user status.

On the bottom right the latest twitter tweet of the user is displayed

Messages

If the Message function is clicked a popup shows up to select the users to write a message for. It is possible to select or deselect the users by clicking on their images or to compose a message to all users.

Then the Editor shows up and the users can draw a sketch or write a message. If the message is finished it only has finally to be submitted. The receivers will get a notification mail that somebody just wrote a message for them.

Editor

There are 8 main functions for the editor (the selected tool is shown in the header):
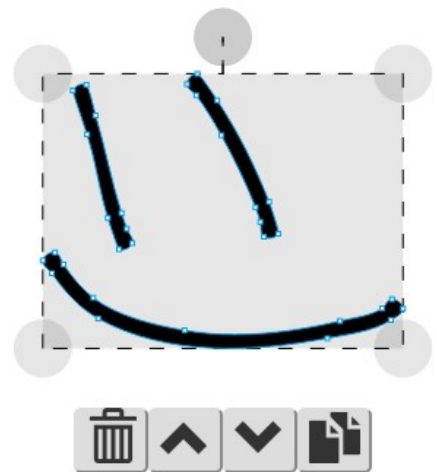
1. Selector

The Selector is to select objects in the editor screen. If an obect is clicked it will be selected. If the users makes a swipe gesture a selection area is beeing made and all objects intersecting this area will be selected after the user stops swiping.

If objects are selected a boundary for all objects and a popup shows up.

The circles on the corners of the bounding box are to scale and the circle on the top edge to rotate the selected objects.

In the popup the trash bin is to remove the selected items, the arrows are to layer them up or down and the last button is to make a copy of the selection.

2. Pen

The Pen is to draw dots or lines. The lines got the current selected color and current selected stroke width.

3. Text

The Text tool is to write a text on the board. If this tool is selected the user has to click on the board where the text should appear and then an input window shows up to write the text which then shows up on the board.
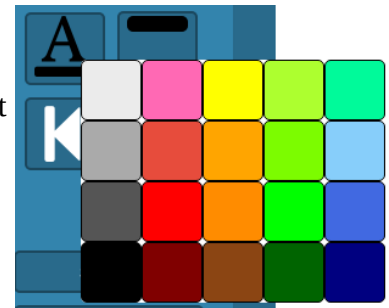
4. Eraser

This tool is just an eraser. If you swipe over the board while this tool is selected all objects which were hit will be removed.

5. Color Picker

If the user pushes on this tool a popup with all available colors will show up. If the color is changed while a selection is present then the color of all selected objects will be changed to the new color.

To indicate which color is selected the pen icon, the text icon, the color selector icon and the stroke selector will be drawn in this color.

6. Stroke Weight Picker

This tool is to select the stroke width of the pen tool. The button indicates which stroke width is selected.
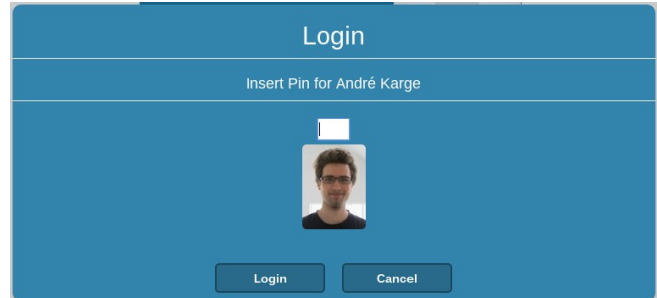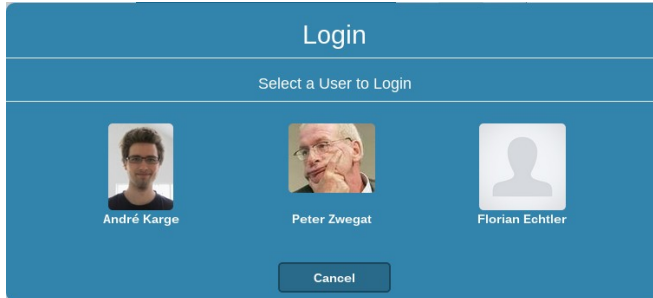
7. Undo and Redo

The left button is to undo a interaction and the right one is to redo it.
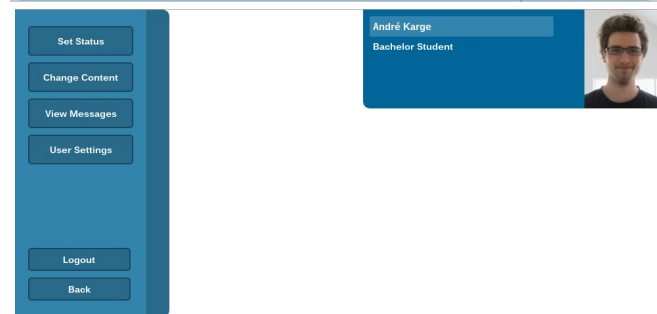
8. Image Drag & Drop

When a user is using the editor on a desktop pc he is able to drag and drop an image, gif or an image url into the editor. The image then is uploaded and included in the editor.

User Backend

If the User Settings button is pushed a popup shows up to indicate which user wants to log in. By pushing on the user image this user gets selected and a pin input prompt shows up. Then the user has to enter his 4 digit long pin to authenticate himself.
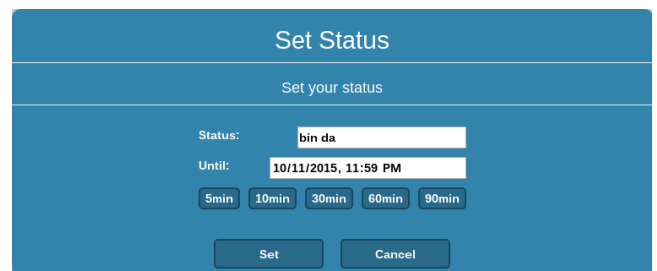

If the log in was successful the user backend is loaded. Here the user can set a status, change his main page content view received messages and change some of his settings.

Status

If the Set Status button is pushed a popup to enter a status appears. The user can enter a short status text and a time until the status is active.

Change Content

If the Change Content button is pushed an editor with the current main view content is loaded. The user now can change this content as he likes. When the user is finished with his changes he has to upload the changes by pushing the change button in the sidebar.
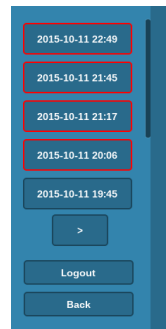

Some users want to present a website as a background layer (e.g. a background image, a site to present the results of a exam or a blog). This is possible by clicking the background button in the sidebar and enter the url in the input mask.

View Messages

On this site all messages for the user are loaded into the sidebar. It is possible to navigate through all of them by clicking the arrow buttons in the sidebar. If a message was not yet seen its button is displayed with a red border.

When the user clicks on a message its content is drawn on the board. The header shows the date when the message was created and a button to mark the message as unseen.
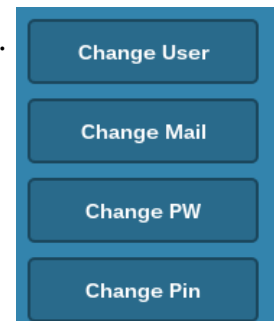
User Settings

To change the user settings the user has to enter his password in the popup prompt.

On Change User the user can change his name, description, twitter account and profile picture url.

On Change Mail he can change his mail address.

On Change PW he can change his password and on Change Pin he can change his pin number.