

# UI Design and Prototyping Report

## *Login-Free Message Board (MeBo)*

### 1. Introduction

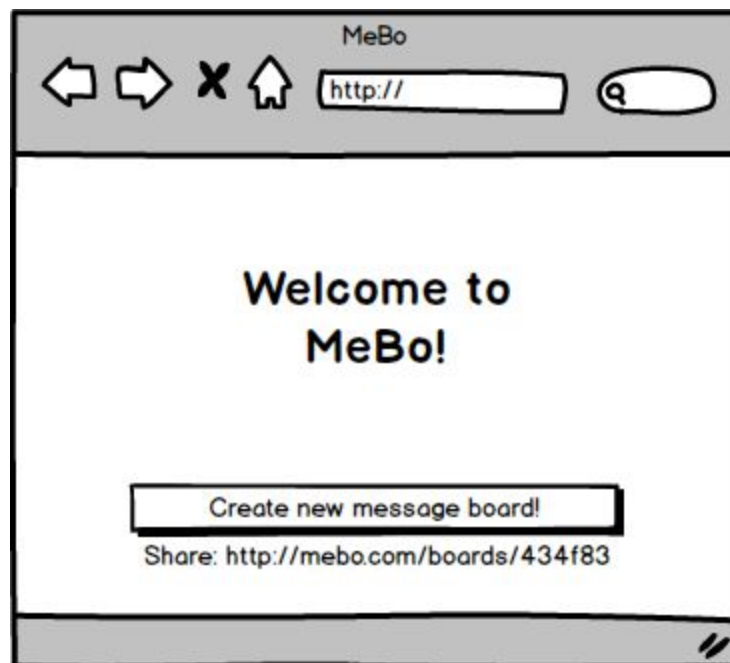
#### Summary

The Login-Free Message Board (MeBo) is a web application which enables users to create their own message board, share a link with other users and write message in a collaborative way. Every user can post new messages or edit existing messages - although if they were written by other users.

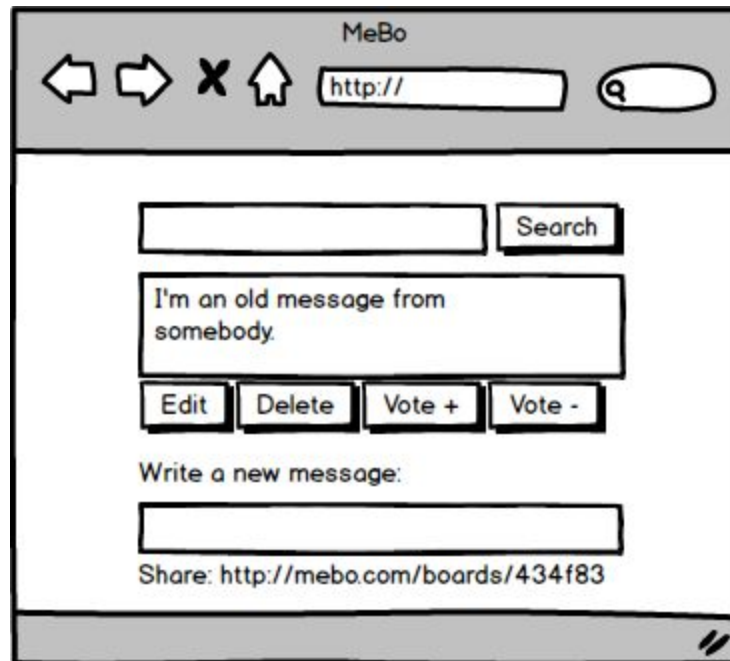
#### Features

- Users can create boards (without registration or login)
- Boards can be shared by their unique link
- Users can write messages to the board
- Every user can edit, delete or vote on every message
- Messages can be searched and ordered

### 2. User Interface Design and Prototype



- Landing Page
- Users can create a board by clicking the button
- Users see the unique link of their board which they can share with others



- Board Page
- Shows a list of messages
- Every message can be edited, deleted or voted
- Messages can be searched
- Users can write new messages which will appear on the board

### 3. Navigation Structure

Users will first come to the landing page: <http://localhost:5000/#/home>. From there, they can create a new board. This will navigate them to the board view: <http://localhost:5000/#/board/OiOWJYZF>. On this view, they can read and write messages.

The backend provides a similar REST API:

```
GET boards/<board_id>
GET boards/<board_id>/messages/<message_id>
PUT boards/<board_id>/messages/<message_id>
DELETE boards/<board_id>/messages/<message_id>
POST boards/<board_id>/messages
```

### 4. References

N/A