Contents

[Pages 2](#_Toc1160694)

[Technologies 3](#_Toc1160695)

[Server side 3](#_Toc1160696)

[UI 3](#_Toc1160697)

[Sign up process 4](#_Toc1160698)

[Normal sign up 4](#_Toc1160699)

[Verification email 4](#_Toc1160700)

[Password change 4](#_Toc1160701)

[Forgotten password 4](#_Toc1160702)

[Advice- optional 4](#_Toc1160703)

# Pages

1. Main page
   1. Nav bar – top
      1. Order

Logo language login signup hamburger

* + 1. Hamburger icon – first from the right (<https://codepen.io/erikterwan/pen/grOZxx> - example, would prefer vue based)
    2. Logo I’ll provide – first from the left
    3. Language selection (for now only English) fourth from the right
    4. Login third from the right
    5. Sign up first from the right
  1. Navbar – hidden in hamburger icon on the left and shown once clicked
     1. User – only visible for authenticated users
     2. FAQ – always visible
     3. Contact – always visible
  2. In the middle of the page full width image I’ll provide it
  3. Below placeholder text

1. Login – should be really a popup
   1. Email
   2. Password
   3. Login button
   4. Or continue with
      1. Google
      2. Facebook
   5. “Don't have an account yet?” Sign up (Sing up link to Sign up page)
   6. “Forgot your password?” Reset password (Reset password link to Reset password page)
2. Sing up – should be really a popup
   1. Name
   2. Surname
   3. Password – validation to make sure it’s at least 8 characters and contains letters and digits
   4. Or continue with
      1. Google
      2. Facebook
3. Verification page – just shows your account was verified
4. Forgotten password – linked in Login page
5. User – View/Edit
   1. Name
   2. Surname
   3. Email
   4. Tel – not optional
   5. Avatar image – upload or taken using provided email
      1. Avatar upload image should have some editing capabilities (center and scale but something very simple) and size 2MB max and dimensions limitations 600x600. If you think it’s hard to do don’t do it.
      2. When user doesn’t have one I’ll provide default
   6. User preferences
      1. Language – by default English selected
6. FAQ
   1. Search input (filter of the FAQ, title and content)
   2. List of most common questions with answers per category – initially only these two
      1. How to reset password?
      2. How to validate account?
7. Contact
   1. Google map with a pin point, lets chose initially Buckingham Palace in London
   2. Address:
      1. Her Majesty The Queen
      2. Buckingham Palace
      3. London SW1A 1AA
   3. Email: [noreply@example.com](mailto:noreply@example.com)
   4. Tel: +44 201234567
   5. Form
      1. Name
      2. Email
      3. Message
      4. Button Send – if sending email is hard don’t do it, just provide the form

# Technologies

## Server side

Spring, Spring boot, Spring Security, Spring Data JPA (as it’s the easiest option for you), DB MySQL

when sending all the static content to the request use gzip to make the requests resolve faster

Packaged in jar, not war

## UI

Vuejs, vue-i18n, vue-router, vuex, vuetify.js

Bootstrap.js (potentially vue wrapper)

Icons font awesome whatever version suits you

Don’t’ use any ui build pipeline just add in index.html scripts required for the app

Font to be used <https://fonts.google.com/specimen/Lato>

Colour of the page whtie

Navbar Background white

Navbar text color for highlights border what’s hovered in top nav bar Yellow #F422CB

Default text color #092251

# Sign up process

## Normal sign up

When user is asked to Sing up they just need to provide name, surname email and password

If they chose to do it via Google or Facebook, they should authenticate with these providers (if already authenticated we should just get the data and move on) and portal should get name, surname and email from them. There should be track record in the system that they’ve created a profile using Google or Facebook.

## Verification email

Once signed up portal should send an email with verification link (if sending emails is hard, just point me where to take the token from the log or DB and I’ll understand) valid only for 24h.

If the user is going to log in without clicking on verification link User profile will be obfuscated or blurred and if that they haven’t verified the account yet should be shown notification.

If the user verified link they will be shown User view/edit panel.

## Password change

When user is trying to change the password they need to provide existing password. New password can’t match existing one.

## Forgotten password

User will be asked to provide email, if existing in the DB email with reset link will be sent. If email doesn’t match, nothing is going to happen. Notification after clicking send shows “If your email is present in our system reset password email was sent”. Email is valid only for 24h.

# Advice- optional

1. How to manage auto translation of free text added by the user
2. How to cope with multiple languages in vue-i18n. If it’s 5 languages with 20 pages it might be a lot of content to be delivered to the ui and only one is going to be used at the time.
3. Is it good idea to add reCaptcha to the contact form?
4. How are you going to solve authentication?
5. Hiding pages for unauthenticated users?
6. How authenticated user cookie is going to be generated?
7. How are you going to do csrf token generation and injection into forms?
8. How are you going to do forgotten password token generation?
9. On the way could you provide DB design?