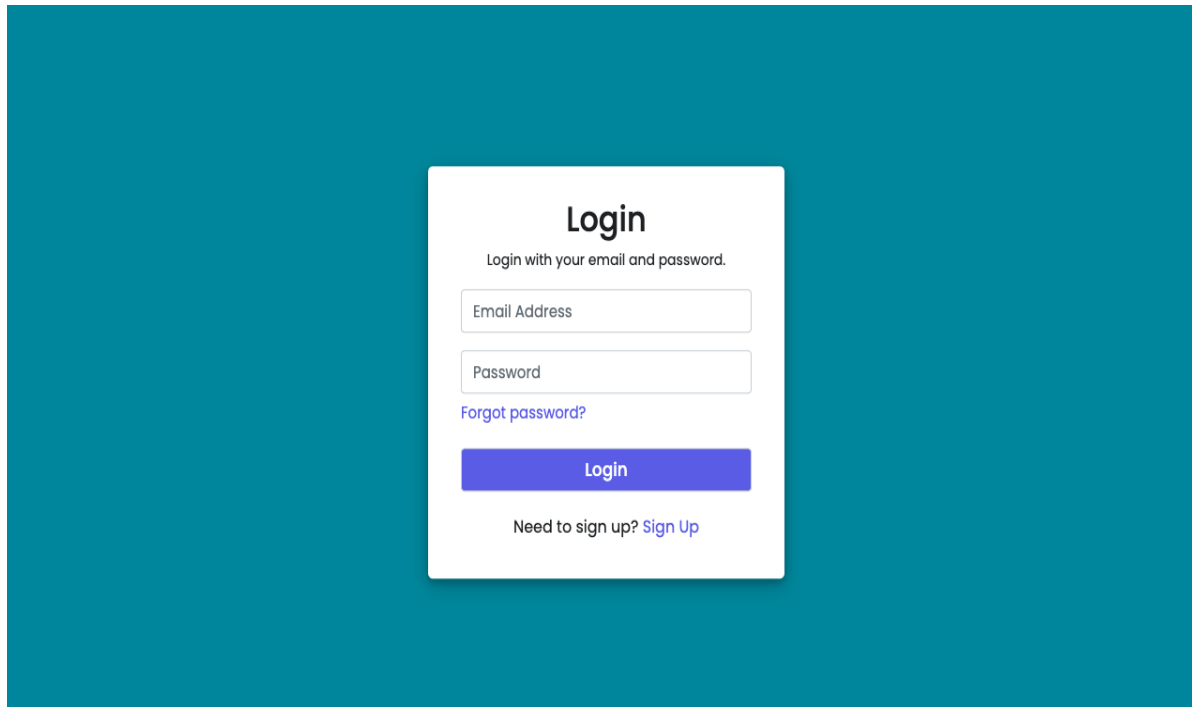


## Listening Test - Online Version manual

This is the expanded version of the “General instruction for the online-version Listening test.” This version includes a detailed explanation of each webpage of the listening test website, as well as, an illustration of how each web page is able to communicate to each other and the database.

A screenshot of a login form centered on a teal background. The form is white with rounded corners and a subtle shadow. It features the title 'Login' in bold black text, followed by the instruction 'Login with your email and password.' Below this are two input fields: 'Email Address' and 'Password'. A link 'Forgot password?' is positioned below the password field. A prominent blue button with the text 'Login' is centered below the inputs. At the bottom, a link 'Need to sign up? Sign Up' is displayed in blue text.

**Login**

Login with your email and password.

Email Address

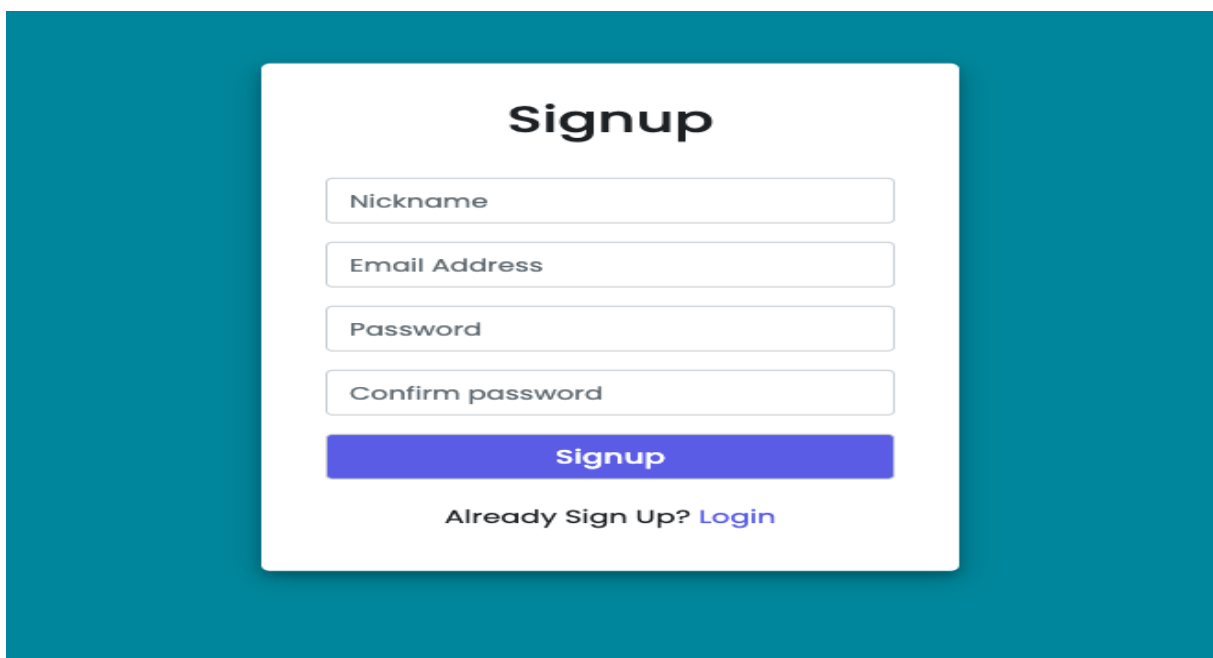
Password

[Forgot password?](#)

Login

Need to sign up? [Sign Up](#)

The webpage (index.php) is the first front page of the website when a user encounters visits the website. “Index.php” file is permitted to have only one file name for each website as it is the accessing file on a web server.

A screenshot of a signup form centered on a teal background. The form is white with rounded corners and a subtle shadow. It features the title 'Signup' in bold black text. Below the title are four input fields: 'Nickname', 'Email Address', 'Password', and 'Confirm password'. A prominent blue button with the text 'signup' is centered below the inputs. At the bottom, a link 'Already Sign Up? Login' is displayed in blue text.

**Signup**

Nickname

Email Address

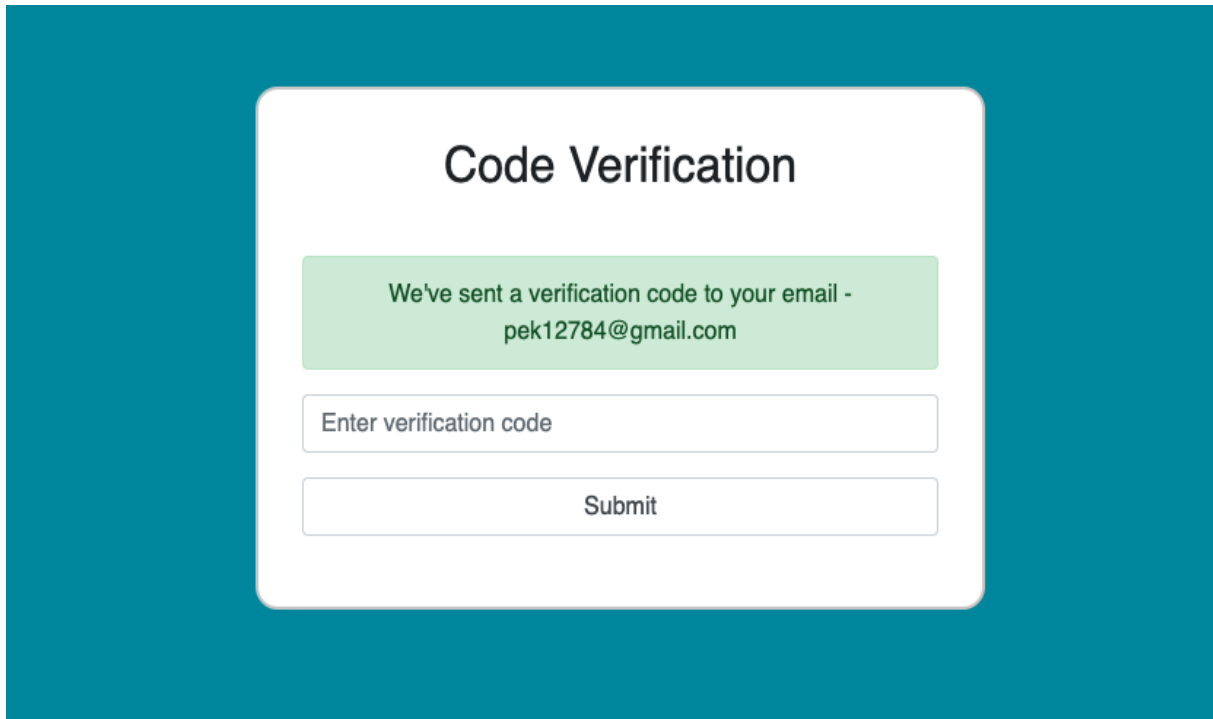
Password

Confirm password

signup

Already Sign Up? [Login](#)

This page is for sign-up who need to create an account for the website. The file (sign-up.php) is responsible for the page. After clicking the Signup button, all input values are processed by the function (the form of the sign-up page) in the file of “controllerUserData.php.”

A screenshot of a web form titled "Code Verification" on a teal background. The form is white with rounded corners. At the top, it says "Code Verification". Below that, a green box contains the text "We've sent a verification code to your email - pek12784@gmail.com". Underneath is a text input field with the placeholder "Enter verification code". At the bottom is a "Submit" button.

## Email Verification Code Inbox x



**listening.test.jku@gmail.com** via [srv585.main-hosting.eu](#)

to me ▼

Your verification code is 383804

The above page is represented by the file (user-otp.php). A user who wants to create a new account will receive a One-time password for account verification.

After clicking the Signup button on the sign-up page, a user will receive a One-time password for email account verification. The function (OTP verification form) in the file (controllerUserData.php) checks the matching between the assigned OTP and the user's input OTP.

## Listening Test

**Successfully Activated!!**

**Welcome, figo721@hotmail.com**

Please Click the Begin button to generate your playlist

**Begin**

After successfully activated, please click the begin button. Once clicking the begin button, an individual playlist is generated (home.php and insert\_playlist.php)

# Listening Test

**Hello, figo721@hotmail.com**

**General description and purpose of the research**

This website aims to collect listener's perceptual data while listening to music for the purpose of carrying out a master thesis program in Bioinformatics at the Johannes Kepler University, Austria. The master thesis aims to develop and advance music recommender systems (MRSs) by the integration of physiological signals and emotional status from the users.

**Task List**

[0. Data Privacy Policy \(~3 minutes\)](#)

[1. Annotation Task \(~60 minutes\)](#)

[2. Demographic Survey \(~2 minutes\)](#)

[3. Big Five Personality Test \(~5 minutes\)](#)

[General Instruction](#)

[Instruction for Firefox Settings](#)

Contact : [listening.test.jku@gmail.com](mailto:listening.test.jku@gmail.com)

**\*\* General Information \*\***

This listening test consists of two phases which are online and on-site phase. You need to complete the online test before the on-site test phase.

**\*\* Information for the online test \*\***

- Please complete the online in ascending order
- You do not have to complete the annotation task at one time. Click the hyperlink for the annotation task from the Task List
- Do not forget to save your work before you leave
- For more detailed instruction, please refer to the General Instruction on this page
- If you are using Firefox browser and having an issue of playing control, please refer to the instruction for Firefox settings on this page
- Recommended Browsers : Firefox, Chrome, Opera, Brave

**\*\* Information for the on-site test \*\***

- Please Contact : [listening.test.jku@gmail.com](mailto:listening.test.jku@gmail.com)

The Task List provides the list of tasks for the Listening Test on this page. Choose one of the tasks in the list (select-test.php). In addition, there are two hyperlinks for the General Instruction PDF file and the Instruction for Firefox Settings PDF file.

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### Data Privacy Policy

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User data and its processing

We define user data as information relating to the users' individual information. For experimental purposes, we will request demographic information regarding gender, age, and background. We define processing as any operation that will be carried out with the user data, e.g. collecting, storing, sharing, analysing, and deleting. By participating in this experiment, you agree that the data will be used only for research purposes in the context of the Master thesis and related scientific publications. The data will be totally anonymous and handled according to the General Data Protection Regulation (GDPR). It might be shared with the research community only for non-commercial purposes upon request. As participant, you have the right of requesting to withdraw your data at any time for any reason.

Please select the agree option to proceed.

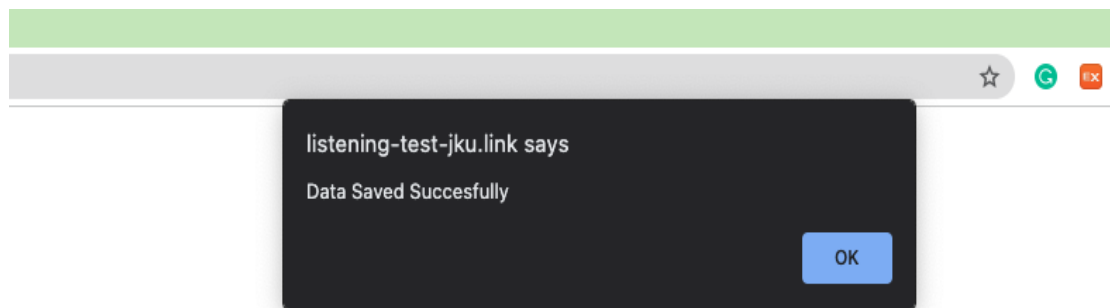
➡ Please Choose An Answer ▾

➡ Save

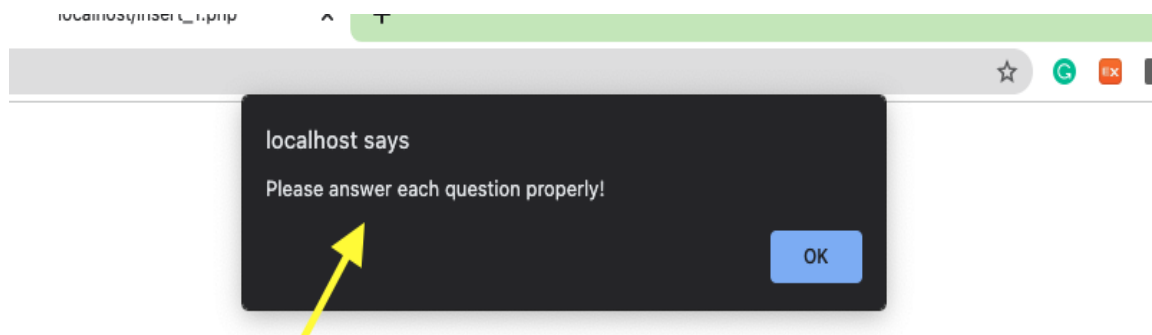
1

2

Please read the Data Privacy Policy and then select agree on the option to continue (Intro\_policy\_web-based.php and insert.php)



\*\*The alert message is just like a pop-up window on the screen. Please click the OK button to proceed.



\*\*In case not all questions are answered, the alert message pop-up on the screen. - Redirect to the annotation task page

## Listening Test - Online Version manual

Listening Test

\*\*Please click the save button (at the bottom) before leaving \*\*

Move to Bottom

### Annotation Task

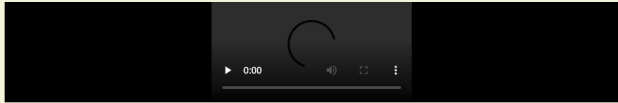
Please listen to the 114 songs and answer the following questions.

Q1. How do you feel the song, on a range from calm (-1.0) to energetic (1.0)?

Q2. How do you perceive the song, on a range from unpleasantness/negative (-1.0) to pleasantness/positive (1.0)?

Q3. How much do you like the song? - from "I very much dislike it" (1) to "I very much like it" (7)

#### TASK\_1



Q1. How do you feel the song (from calm to energetic)?

Value: 0

Q2. How do you perceive the song (from negative to positive)?

Value: 0

Q3. How much do you like the song (from 1 to 7)?

#### TASK\_114

Listen to the song and select one emotion, as well as one level of arousal and one level of valence.

Q1. How do you feel the song (from calm to energetic)?

Value: -0.19

Q2. How do you perceive the song (from negative to positive)?

Value: -0.56

Q3. How much do you like the song?

Rating: 1.5

Save

Please answer the question and click the save button (at the bottom of the page) before leaving (annotation\_task.php and insert\_1.php)

Listening Test

Back to Task List

Demographic Survey Questions

Please answer the following questions

Q1.What is your gender?

Please Choose An Answer ▾

Q2.What is your age?

Please Choose An Answer ▾

Q3.What kind of methods do you prefer to listen music?

Please Choose An Answer ▾

Save

Demographic Survey—Answer the questions and then click the save button (demographic.php and insert\_2.php)



Listening Test

Back to Task List

Big Five Personality Test

The test consists of 10 Items that you must rate on how true they are about you on a five point scale where 1-Strongly disagree, 4-Neither agree nor disagree and 7-Strongly agree. It takes about 5 minutes to complete.

Q1. I see myself as extraverted, enthusiastic.

Value: 4

Q2. I see myself as critical, quarrelsome.

Value: 4

Q3. I see myself as dependable, self-disciplined.

Value: 4

Q4. I see myself as anxious, easily upset.

Value: 4

Q5. I see myself as open to new experiences, complex.

Value: 4

Q6. I see myself as sensitive, soft-hearted.

Value: 1

Q7. I see myself as sympathetic, warm.

Value: 1

Q8. I see myself as disorganized, careless.

Value: 1

Q9. I see myself as calm, emotionally stable.

Value: 1

Q10. I see myself as conventional, uncreative.

Value: 1

Save

Listening Test

Back to Task List

Big Five Personality Test

The test consists of 10 Items that you must rate on how true they are about you on a five point scale where 1-Strongly disagree, 4-Neither agree nor disagree and 7-Strongly agree. It takes about 5 minutes to complete.

Q1. I see myself as extraverted, enthusiastic.

Value: 4

Q2. I see myself as critical, quarrelsome.

Value: 4

Q3. I see myself as dependable, self-disciplined.

Value: 4

Q4. I see myself as anxious, easily upset.

Value: 4

Q5. I see myself as open to new experiences, complex.

Value: 4

Q6. I see myself as sensitive, soft-hearted.

Value: 1

Q7. I see myself as sympathetic, warm.

Value: 1

Q8. I see myself as disorganized, careless.

Value: 1

Q9. I see myself as calm, emotionally stable.

Value: 1

Q10. I see myself as conventional, uncreative.

Value: 1

Save