



# HTML 5: The New Web

Lab 1

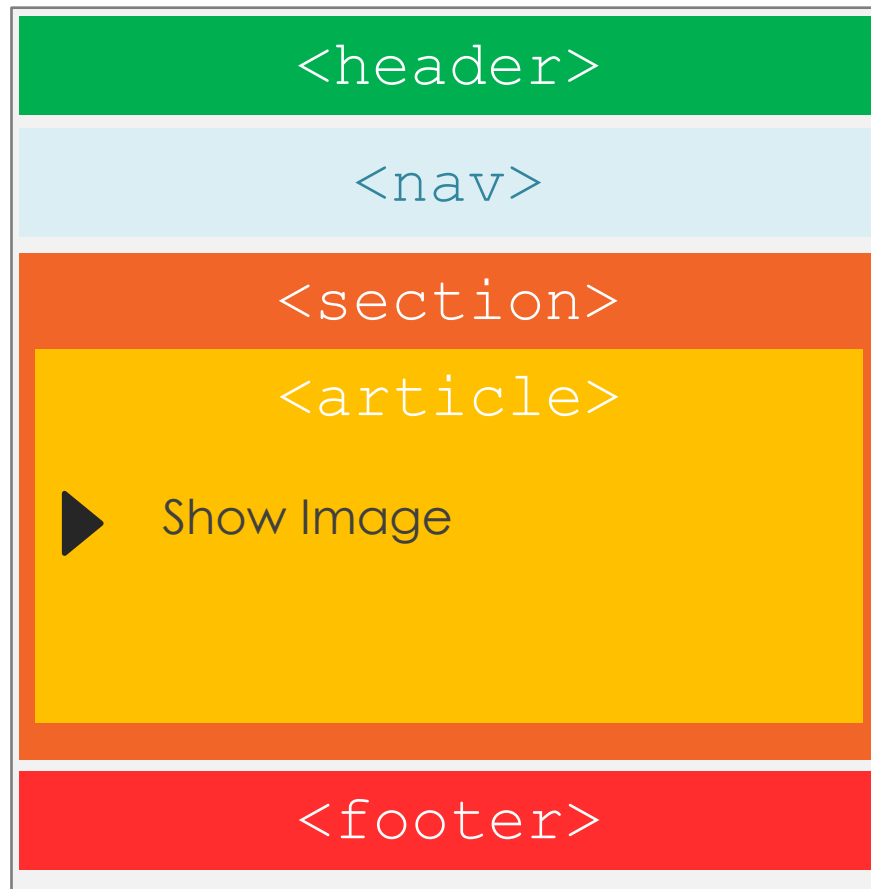
# Rules

- 1 If you have Syntax Error, Solve it yourself. You are able to do that.
- 2 Mentors exist to guide you **to the best way to solve the problem** **not** **to solve the problem or your syntax errors.**
- 3 Steps of Solving the problem:
  - Think.
  - Think again.
  - Use Pen and Papers to convert your thoughts into Procedures.
  - Convert your previous pseudo code into JavaScript Code using its syntax rules.
  - Don't be afraid of syntax errors. It is easy to solve. Read it clearly and you will solve it.
  - Check the output of every step you do and then check them all.
- 4 The most important rule is to enjoy challenging yourself and don't stress your mind by the headache of assignments delivery's deadlines.



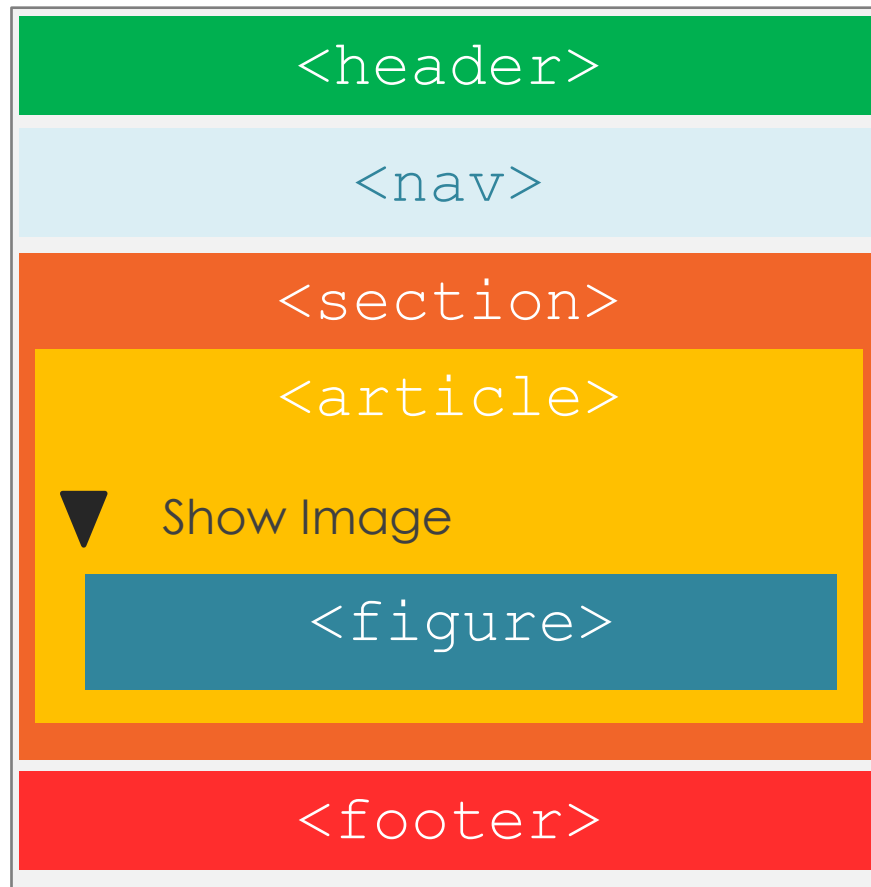
## Build an structured Web Page

The goal is build a structured web page like below.



## Build an structured Web Page

The goal is build a structured web page like below.



## Form Validation

The goal is build a form that have the following validation:

- Name is required      - Email is required an must be valid.
- Password Length must be 8 chars at least.   - Age must be over 21.

Name

Email

password

Salary

Age

submit



## Form Validation

The goal is build a form that have the following validation:

- Name is required      - Email is required an must be valid.
- Password Length must be 8 chars at least.   - Age must be over 21.

Name

Email

password

Salary

 200 \$

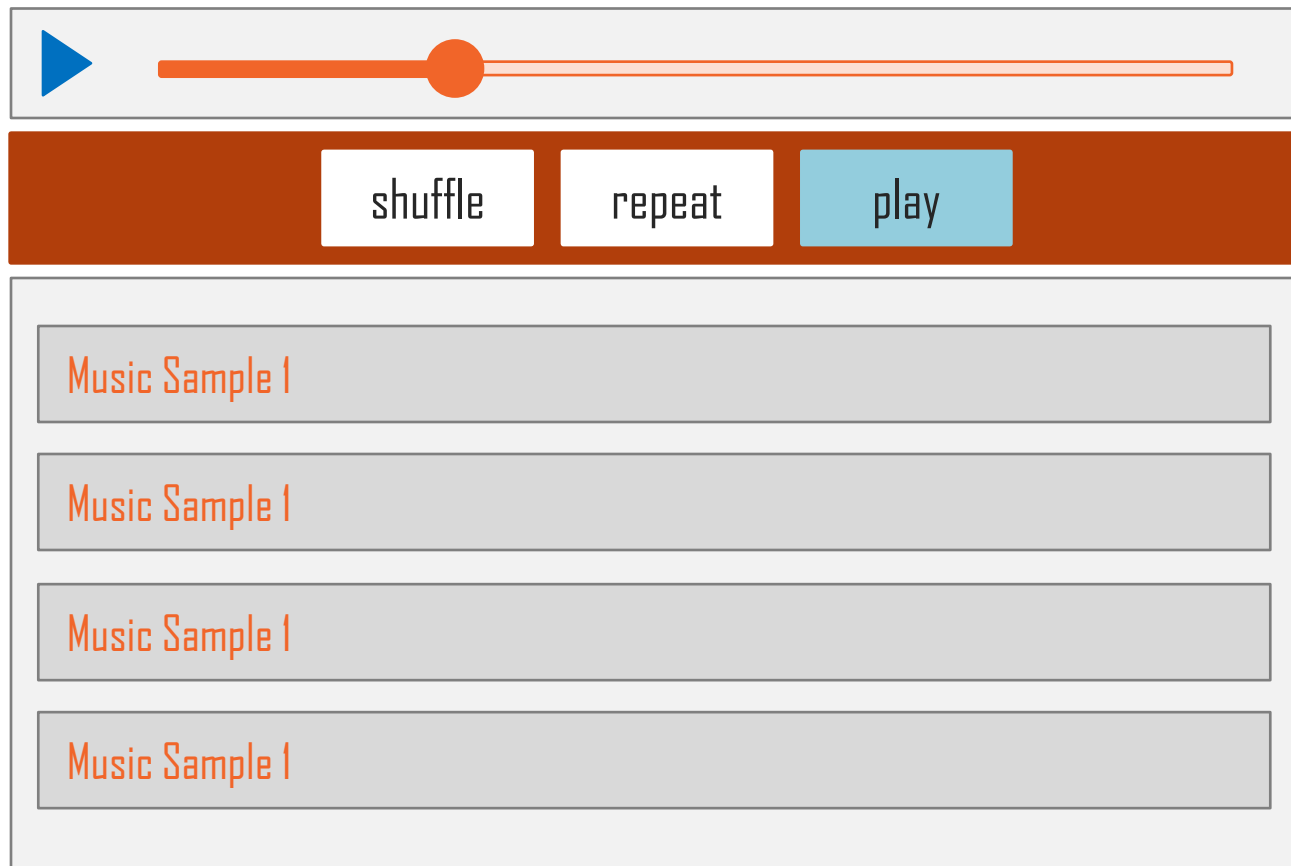
Age

submit



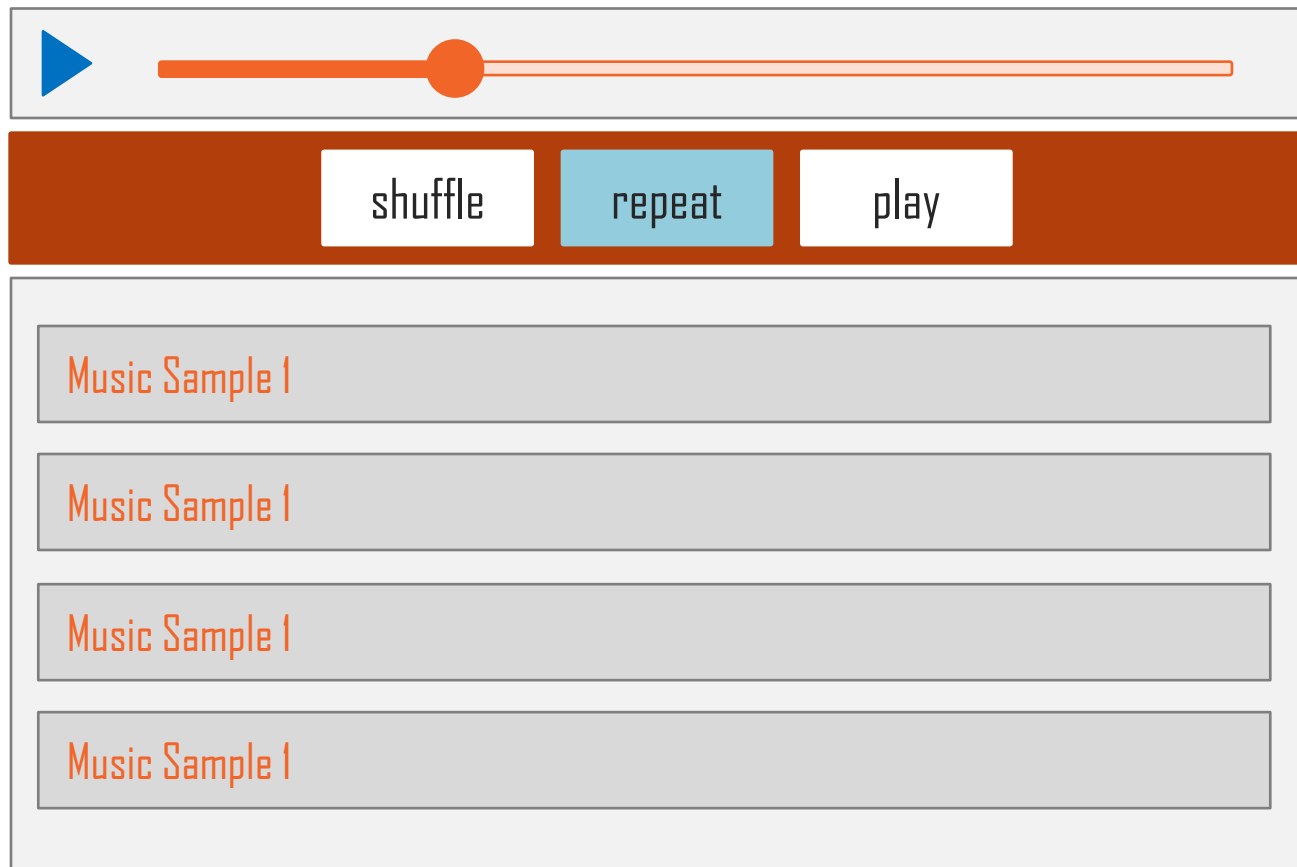
## Music Player : Play Mode

The goal is to build a music player app that play music playlist sequentially.



## Music Player : Repeat Mode

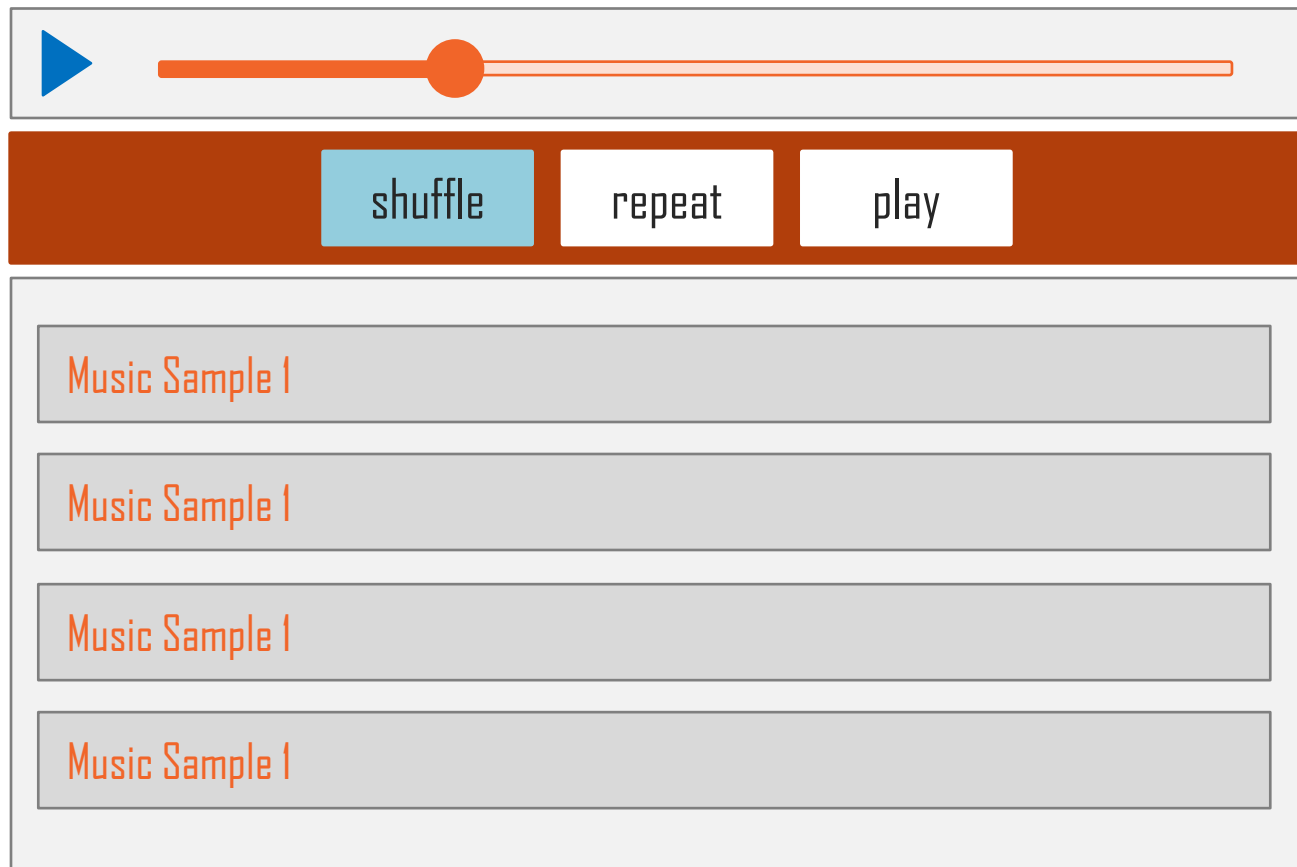
The goal is to build a music player app that play music playlist sequentially and repeat it after it finished.



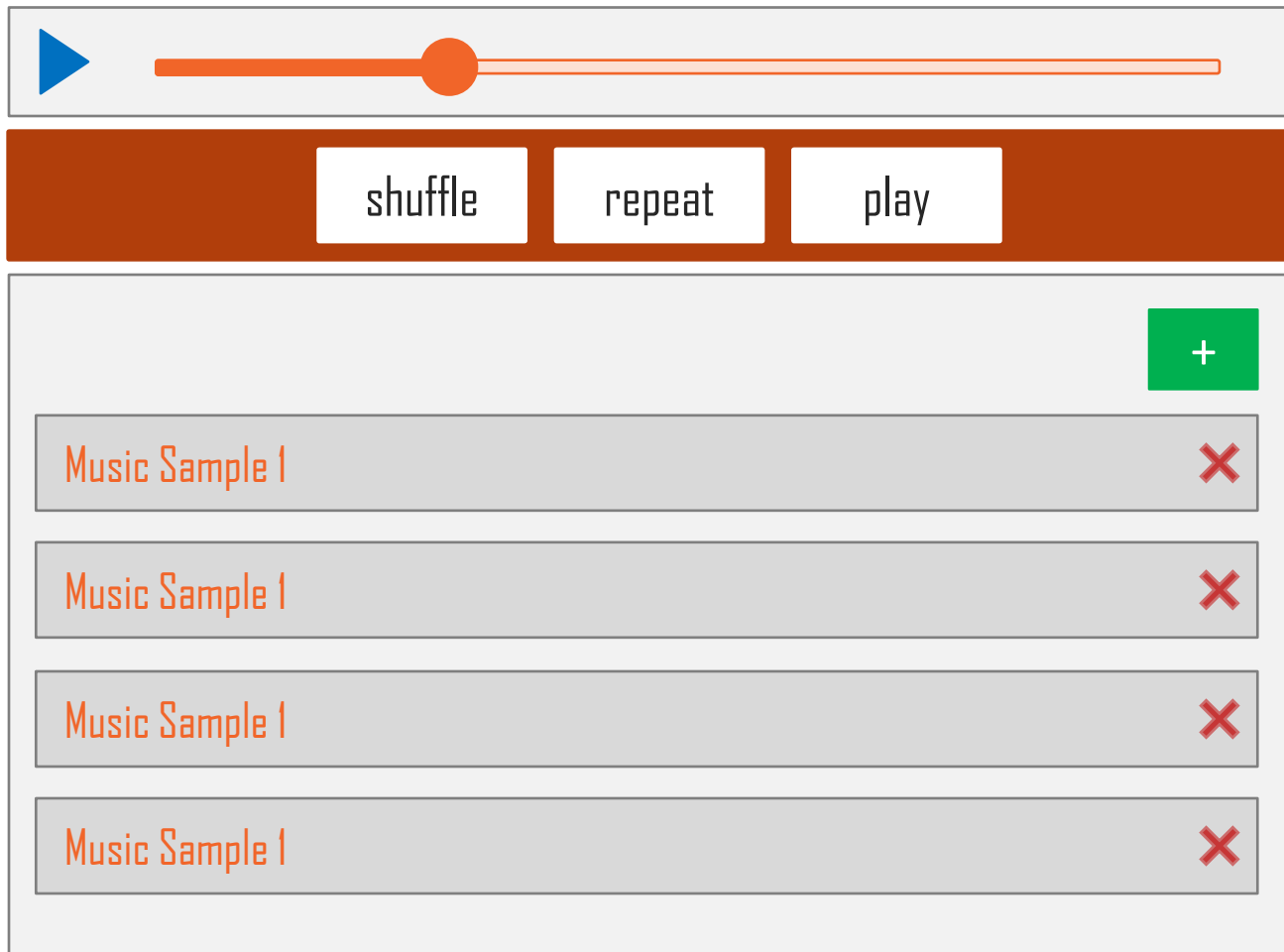


## Music Player : Shuffle Mode

The goal is to build a music player app that play music playlist randomly.



## Music Player : Add and Remove Audios





**Flash**

For the first one that who has completed the required assignments



**Iron Man**

For the one who has the most generic and strong code



**Captain America**

For the one who has the minimum syntax errors and his code is well organized



**Thor**

For the one who find the best and shortest way to solve the problems

Thank You