


20. The Shotokan Karate Club wants to create a website so members can view techniques and find information about the club.



- (a) During website design both a wireframe and a low-fidelity prototype are created.

	Wireframe	Low-fidelity prototype
Heading	Shotokan Karate Club	<i>Shotokan Karate Club</i>
Welcome text	[Placeholder box with horizontal lines]	<i>Welcome to the club. Click a link to find out more about the different styles and techniques.</i>
Navigation	Page 1 Page 2 Page 3	<u>Kicks</u> <u>Punching</u> <u>Sparring</u>
KarateKick.png	[Placeholder box with an 'X']	

Explain why wireframes and low-fidelity prototypes are used when designing a website.

2

Wireframe _____

Low-fidelity prototype _____



20. (continued)

MARKS

DO NOT
WRITE IN
THIS
MARGIN

(b) Four pages for the website are shown below.

https://www.shotokanclub.co.uk

Shotokan


Shotokan Karate Club

Welcome to the club. Click a link to find out more about the different styles and techniques

[Kicks](#)

[Punches](#)

[Sparring](#)



https://www.shotokanclub.co.uk/kicks


Shotokan

[back to home page](#)

Kicks

This page is about all the different types of kicks being taught at the Shotokan Club. Learn them all and become a master!

Foot sweep



This kick is used to trip an opponent. Click the link to go to the Karate Association for a demo

[Foot sweep demo](#)

https://www.shotokanclub.co.uk/sparring


Shotokan

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Sparring

What is sparring?
Sparring is karate in action! This allows you to put all your techniques in use within a spontaneous situation.

Skill development
Sparring builds mobility, control and distance. It is also used to build endurance.



https://www.shotokanclub.co.uk/punches

Shotokan

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Punches

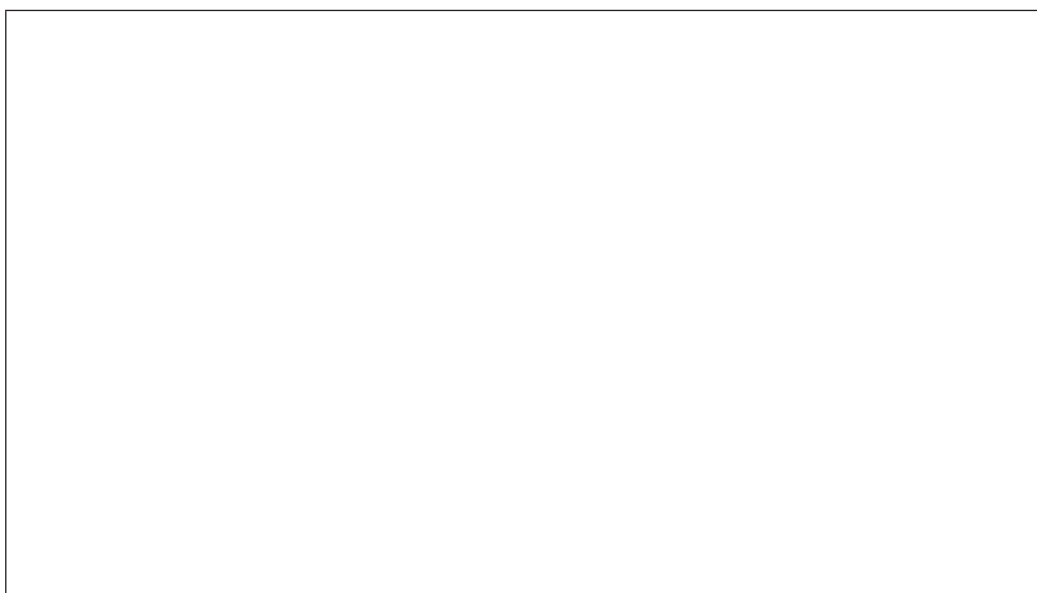
Snap punch
This can be described as a punch that instantly connects to the target and returns immediately.

Lunge punch
This punch involves taking a step. It is the most powerful punch in karate.

Hook punch
This punch starts at your hip and moves towards the opponent's temple.

Draw the navigational structure for this website.

4




20. (continued)

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(c) Part of the code from the 'Punches' page is shown below.

punches.html	styles.css
<pre>... <body> <h1>Shotokan</h1> back to home page <h2>Punches</h2> <div> <h3>Snap punch</h3> <p>This can be described as a punch that instantly connects to the target and returns immediately.<p> </div> <div> <h3>Lunge punch</h3> <p>This punch involves taking a step. It is the most powerful punch in karate.</p> </div> <div> <h3>Hook punch</h3> <p>This punch starts at your hip and moves towards the opponent's temple.</p> ... </pre>	<pre>body{ background-color : lightBlue; } h2{ font-family: Arial; font-size : 24px; text-align: center; } h3{font-family: Arial; color: yellow; } </pre>

The club have decided to make the lunge punch their training focus. To show this they want the heading below to be red.

```
<h3>Lunge punch</h3>
```

Write an external CSS class to style the text and edit the HTML above to implement this change.

3

CSS rule

Edited HTML