

Candidate 1

9.	9. This media query changes the styling rules on screens up to and including 600px wide, to create a different layout on smaller screens.	
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ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
10.	<p>a) <code><tr><th>Price per month</th></code> <code><th>Basic</th></code> <code><th>Standard</code> <code></th></code> <code><th>Premium</th></code> <code></tr></code></p>
	<p>b) <code><tr><td>Gib storage</td></code> <code><td>10</td></code> <code><td>20</td></code> <code><td>30</td></code><code></tr></code></p>
11.	<p>a) Technical feasibility</p>
	<p>b)</p> <pre> graph LR user((user)) --- UC1((Search for details of a Mums)) user --- UC2((Register for an account)) registered((registered user)) --- UC3((Add details of completed climb)) registered --- UC4((View details of all completed climbs)) MumsDB((Mums database)) --- UC2 MumsDB --- UC5((Add comment)) UC3 --> UC4 UC5 -.-> extend UC4 UC2 --> UC3 </pre>

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN

c) i) line 24 result from SQL query

line 26 display error message and ask user to try another email.

ii) `$firstname = $_POST["first"];`
`$lastname = $_POST["last"];`
`$email = $_POST["email"];`
`$pass = $_POST["pass"];`
`$level = $_POST["level"];`

iii) `INSERT INTO climbers`
`VALUES (first firstname = $firstname,`
`lastname = $lastname, email =`
`$email, password = $pass,`
`climbingAbility = $level.`

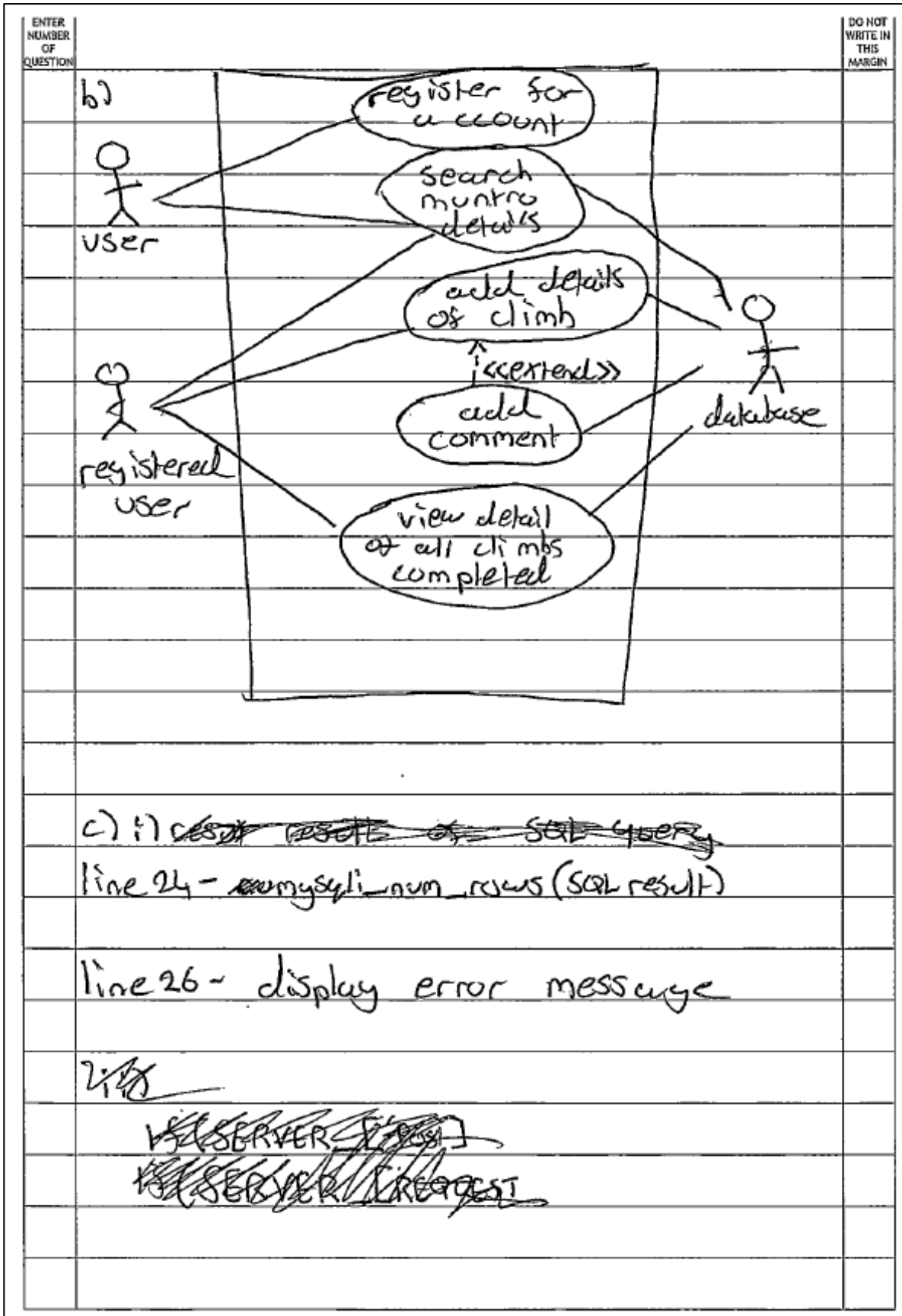
~~17~~

d) i) The logged in users email is needed to retrieve their climberID to be used in the SQL query when

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	<p>adding a climb on the add climb page or getting all climbs belonging to the user on the view climb page. This must be in a session variable as it is used across multiple pages, req the entered on the login page to the view climb page and used on the view climbs / add climbs pages.</p> <p>ii) The email session variable is used in an SQL SQL query to retrieve the registered users climberID. The climberID will then be used in an SQL query to retrieve all climbs entered w/ this climberID. Results are then displayed.</p> <p>e) i) users.</p> <p>ii) The first error occurs as the connection variable was not passed in to the mysqli_query() function, which</p>

Candidate 2

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
9	It will apply styles only when the width of the screen is narrower than 600px	
10 a)	<pre>echo "<tr><th>Price per month</th><th>Basic</th><th>Standard</th><th>Premium</th></tr>";</pre>	
b)	<pre>echo "<tr><td>SQL databases</td><td>5</td><td></td></tr>";</pre> <pre>echo "<tr><td>Gb storage</td><td>10</td><td>20</td><td>30</td></tr>";</pre>	
11 a)	<p>Technical feasibility</p>	



ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
	ii) POST = POST - [first]
	\$first = \$POST - ['first'];
	\$last = \$POST - ['last'];
	\$email = \$POST - ['email'];
	\$pass = \$POST - ['pass'];
	\$level = \$POST - ['level'];
	iii)
	INSERT INTO climber (forename, surname,
	email, password,
	climbingAbility)
	VALUES (\$first, \$last, \$email, \$pass,
	\$level);
	d) i) The session variables allow these
	pages to have access to the users
	details so they can add or
	search climbs they have completed
	ii) The page will search the database
	and only return records where the
	email matches the users email. This

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
	is done by comparing the email in the database to the email stored in the session variable.	
	e) i) errors	
	ii) The first error is due to there not being a connection to the database. This is fixed by passing the \$connection variable into the mysqli_query() method.	
	The second error is due to the mysqli_fetch_array() method having no parameters. This is fixed by passing the \$result variable into the method.	
	5) i) The design finds the details of the climber that has made the most amount of climbs.	
	ii)	

Candidate 3

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
9)	The media query is used to set the max width for any browser viewing the website to 600px	
10/a)	<pre> echo "<tr><td> Price per month </td><td> Basic </td> <td> Standard </td><td> Premium </td></tr>"; </pre>	
10/b)	<pre> echo "<tr><td> 6b storage </td><td> 10 </td><td> 20 </td><td> 30 </td></tr>"; </pre>	
11/a)	technical feasibility	
11/b)		

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
11(b)	<pre> graph LR User((User)) --- Register([Register for an account]) User --- Search([Search for details]) RegisteredUser((Registered User)) --- AddDetails([Add details of climb]) RegisteredUser --- ViewAll([View all completed climbs]) Database((Database)) --- Register Database --- Search Database --- AddComment([Add comment on climb]) AddDetails -.-> include AddComment </pre>	
11(c)	<p>line 24:</p> <pre> matches = mysqli_num_rows(\$result) </pre> <p style="margin-left: 150px;">↑ result of executed query</p> <p>line 26:</p> <pre> echo "This email address is already already in use"; </pre>	

ENTER NUMBER OF QUESTION	DO NOT WRITE IN THIS MARGIN
12ii)	<pre> \$firstname = \$_POST['first']; \$lastname = \$_POST['last']; \$email = \$_POST['email']; \$password = \$_POST['pass']; \$level = \$_POST['level']; </pre>
12iii)	<pre> \$query = "INSERT INTO climber(climberID, surname, surname, email, password, climbingAbility) VALUES (" , \$firstname, \$lastname, \$email, \$password, \$level)"; </pre>
12iv)	<p>A session variable is needed as the variable needs to hold its value when moving between pages, which can only be done with a session variable.</p>
12v)	<p>The session variable is used to search the database for all climbs done by the climber with the climberID that matches the current email in the session variable/the currently logged in user. ⇒ It is used to allow the website to display all climbs done by the current user.</p>

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11e)i)	scottishClimbs	
11e)ii)	<p>The first error is a result of not including the database connection when executing the query. The corrected line of code is shown below.</p> <pre>\$result=mysqli_query(\$connection, \$sql);</pre>	
	<p>The next error is a result of not including any variable within the brackets of the <code>mysqli_fetch_array</code> function. The corrected line of code is shown below.</p> <pre>while (\$row=mysqli_fetch_array(\$result)) {</pre>	
11e)iii)	<p>The intended purpose is to find and display the forename(s) and surname(s) of the climber with the most climbs completed.</p>	
11e)iv)	<p>If another climber has the same amount of climbs, it would only display the one who appeared first when looping through the array.</p>	

Candidate 4 (selected questions)

10		
a	<th> Price per month </th>	
	<th> Basic </th>	
	<th> Standard </th>	
	<th> Premium </th>	
b	<tr> Gb storage, 10, 20, 30 >	

ENTER NUMBER OF QUESTION		DO NOT WRITE IN THIS MARGIN
ii		
c		
i	0	
	die (send user already exists to display)	
ii	\$fir = \$_POST("first")	
	\$las = \$_POST("last")	
	\$ema = \$_POST("email")	
	\$pas = \$_POST("pass")	
	\$lev = \$_POST("level")	
iii	\$sql = "INSERT INTO climber	
	VALUES ('\$fir', '\$las', '\$ema',	
	'\$pas', '\$lev' "	

f		
i	find the person/user with the	
	most climbs done	
ii	an algorithm will need to be	
	used to find the number of	
	climbs are done by the climber as	
	its not stored on the database	

Candidate 5 (selected questions)

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10 a) <th><td>"Price Per month"</td><td>"Basic"</td>
      <td>"Standard"</td><td>"Premium"</td>
      </th>
    
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b) <th><td>"Gb storage"</td><td>5</td><td>20</td>
    <td>30</td>
    </th>
    
```

11 a) technical feasibility

