A screenshot of a cell phone

Description automatically generated

**Portfolio**

**ICTWEB527**

**Research and apply emerging web technology trends**

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| --- | --- |
| Student name: |  |
| Assessor: |  |
| Date: |  |
| Business this assessment is based on: |  |
| Documentation reviewed as preparation: |  |

Section 1: Research

|  |  |  |
| --- | --- | --- |
| Web application requirements  *Summarise the web application requirements.* |  | |
| Research  *Research and identify at least four new developments in web technology that could meet identified needs of the web application.*  *Describe these developments here.* |  | |
| Evaluation  *Evaluate each of the web technologies you researched in terms of their suitability for the web application.*  *As this unit requires that you choose two emerging trends, explain which two are most suitable and why.* |  | |
| Legislation and standards  *Identifying legislation and workplace requirements and standards that are applicable to the implementation of the web application.*  *List at least one legislation, one workplace requirement and one standards that is applicable to the web application. Explain why each is applicable to the implementation of the web application.* |  | |
| *Roundtable meeting*  *Document the feedback you received at the meeting to confirm your selection of the web technology trends that will be applied.* |  |  |

Section 2: Web technology implementation

|  |  |  |
| --- | --- | --- |
| Code creation  *Document the names of the code files you have created here and attach them.* |  | |
| *Paperclip* Attach: | Code files |  |

Section 3: Testing

|  |  |  |
| --- | --- | --- |
| Testing  *You are to test that your web application works on:*   * *Three different types of browsers* * *Two different types of devices*   *List the three browsers you tested your web application on and the two devices.*  *Describe the results of your testing and the problems you identified and how you fixed them.*  *Take screenshots of your work to attach to your portfolio.* |  | |
| Feedback  *What feedback did your assessor give you?*  *What amendments did you make?* |  | |
| *Paperclip* Attach: | Screen shots |  |