

Occupational Specialism Task 1

Documentation Checklist

1	<p>Research Report (Appendix)</p> <ul style="list-style-type: none">• Hardware & Software: What hardware and software is used in the industry?• Emerging Technologies: What new/emerging technologies are being used?• User Needs: Who are the users and what do they want the system to do?• Industry Guidelines & Regulations: What laws do you need to be aware of, including data protection and anything industry specific?• Risk Analysis: What are the risks to your project?
2	<p>Design Proposal Report</p> <ul style="list-style-type: none">• Business Context: What is the business, what are their products/services? What do they want from a new system?• Functional & Non-Functional Requirements: What does your system need to do? How should it perform?• Decomposition of Problems: What problems do you need to solve? What parts of the system do you need to code?• Key Performance Indicators (KPIs) and User Acceptance: How will you know if your solution is successful?• Description of Solution: Explain your solution.• Justification: Explain how your solution meets the client's requirements.
3	<p>Site Map (x1)</p> <ul style="list-style-type: none">• A block diagram to show all the pages you will include in your site.
4	<p>Wireframes (at least 3)</p> <ul style="list-style-type: none">• Include wireframes (black and white or colour) for at least 3 of your pages – homepage, products/services, about us/contact.• Use Draw.io for this.
5	<p>Style Guide (x1)</p> <ul style="list-style-type: none">• A document to explain your colour scheme, fonts and sample images.• Use Canva for this.

6	<p>Flowcharts (at least 3)</p> <ul style="list-style-type: none"> • Create flowcharts to demonstrate the logic of your system – user login, shopping cart/payment, account registration, booking system
7	<p>Data Dictionary (x1)</p> <ul style="list-style-type: none"> • A list of all the data you will store in your database, including data types, and purpose.
8	<p>Entity Relationship Diagram (x1)</p> <ul style="list-style-type: none"> • A diagram of all the tables in your database • Include the fields in each table and the data types • Also show the relationships between tables (data that is shared between two or more tables) • Use Draw.io for this
9	<p>Data Flow Diagrams (min 1)*</p> <ul style="list-style-type: none"> • A high-level diagram showing the different processes in your system and the data that is passed between them. • This should show an overview of your system and the main data (e.g. customer data, booking data) that would flow between the processes. • Use Draw.io for this • <i>* You might want to break this down to have a diagram for different modules in the system – this will help you meet the ‘decomposition of problems’ criteria in the mark scheme.</i>
10	<p>Use Case Diagram</p> <ul style="list-style-type: none"> • Explains the different tasks specific users need to perform • Examples: Login, booking, adding products to cart, user accounts • Use Draw.io for this
11	<p>Sequence Diagrams</p> <ul style="list-style-type: none"> • Explains the sequence of actions taken by a user in the system • Examples: Login, booking • Use Draw.io for this
12	<p>Test Strategy</p> <ul style="list-style-type: none"> • A table showing which components (features) you will test, the type of testing you will carry out, and what you need to do to carry out the test • Is the test dependent on another module or another test being completed first (for example you cannot test the login function until a user has registered on the system). • You will be given a template in Word to use for this section.