PAT TITLE

Your Name

Technical and Testing Document

|  |
| --- |
| Insert a picture of one of your screens of a relevant picture |

4.1 Technical Document 1

4.1.1 Externally Sourced Code 1

4.1.2 Explanation of Critical Algorithms 1

4.1.3 Advanced Techniques 1

4.2 Testing Document 1

4.2.1 Evaluation of the Programmed Solution 1

4.2.2 Functional Testing 1

4.2.3 Test Plan and Results 1

5 Source Code 2

5.1 Class 1 2

5.2 Class 2 2

4.1 Technical Document

4.1.1 Externally Sourced Code

List all sources and add an explanation where this code was used in your PAT.

4.1.2 Explanation of Critical Algorithms

Identify TWO or THREE algorithms for your PAT. These should be the purpose of the PAT. E.g., add equipment to venues. Determine the list of dresses due for the designer.

Explain the purpose of each algorithm and then add the **pseudocode. Refer to the Algorithm Circular.**

4.1.3 Advanced Techniques

Refer to the Document called **Advanced Techniques PAT - Update Jan 2025.**

List and explain all the advanced techniques you have in your PAT and include a copy of the code.

4.2 Testing Document

4.2.1 Evaluation of the Programmed Solution

Give a realistic account of your PAT's success. Use the following headings:

* How does the end project compare with what you started? / What did you change in the specifications?
  + What goals did you meet?
  + What goals did you not meet?
* Comment on your time management.
* What did you find challenging?
* What improvements could you add that are not in the original Specifications?

4.2.2 Functional Testing

Copy the Program Functions screen by screen from the Specifications and put them in the first column of a table. Add 2 columns to the right for testing.

|  |  |  |
| --- | --- | --- |
|  | Testers Name: | Testers Name: |
|  | Date: | Date: |
| **Program Functions** | **Works Correctly: Yes/No** | **Works Correctly: Yes/No** |
|  |  |  |
|  |  |  |
|  |  |  |

4.2.3 Test Plan and Results

Copy TWO types of testing on TWO different variables from the Data Validation Task.

Explain the type of testing: Presence, format, type check etc. Then add the RULE: data must be entered, data must have 10 digits, data must be an integer.

Add the test plan for each variable with Before and After Screen shots.

5 Source Code

Add code for each class. Include ALL the code for GUIs. Use heading style fwHead2 for each class.

5.1 Class 1

5.2 Class 2