1. **Problem Statement**
2. **Requirements**
   1. **Assumptions**
   2. **Specifications**
3. **Decomposition Diagram**

Main

Input

Output

Process

1. **Test Strategy**
2. **Test Plan Version 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Strategy | Test Number | Description | Input | Expected Output | Actual Output | Pass/Fail |
|  |  |  |  |  |  |  | |
|  |  |  |  |  |  |  | |

1. **Initial Algorithm**
2. **Test Plan Version 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Strategy | Test Number | Description | Input | Expected Output | Actual Output | Pass/Fail |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. **Code**

A baseline for commenting is before any function add this:

//Description: What does the function do

//Pre-condition: What do input do you need for the function to work

//Post-condition: What is the end result of the function or what do you get out of the function

Also the beginning of your program should have these comments:

//Program Name:

//Programmer Name:

//Description:

//Date Created:

1. **Updated Algorithm**
2. **Test Plan Version 3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Strategy | Test Number | Description | Input | Expected Output | Actual Output | Pass/Fail |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. **Screenshots**
2. **Error Log**

|  |  |  |
| --- | --- | --- |
| Error Type | Cause of Error | Solution to Error |
|  |  |  |
|  |  |  |

1. **Status**