1. Introduction

The Number Guessing Game is a console game where you give the lower and upper bound of a random number that will be generated. You then see how many attempts it takes you to guess correctly.

2. Description of the interface

The Interface is the console. Purely text input and output is used to interact with the application.



3. Diagram illustrates application logic and workflow implemented

Application Diagram: Page 3 Web Service Diagram: Page 4

4. 2 test cases including inputs and output and screen shots

Test Case 1, Screenshot: see TestCase1.png

Input	Ouput
	Enter a Lower Limit
1	Enter a Upper Limit
10	What number would you like to guess?
1	too small - Try Again! - Attempts - 1, What number would you like to guess?
5	too big - Try Again! - Attempts - 2, What number would you like to guess?
3	too small - Try Again! - Attempts - 3, What number would you like to guess?
4	correct Attempts - 4

Test Case 2, Screenshot: see TestCase2.png

Input	Ouput
	Enter a Lower Limit
1	Enter a Upper Limit
2	What number would you like to guess?
1	correct Attempts - 1

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