

```

START
===
Initialize Java GUI
===
Create Window with 4 Boxes
===
Generate Random Letter Sequence (4 letters)
===
Display Letters in Boxes (Flash)
===
Hide Letters After Delay
===
Enable User Input
===
User Enters Letter Sequence
===
Compare User Input with Generated Sequence
===
Is Sequence Correct?
-- YES --> Display "Correct!" Message
-- NO  --> Display "Incorrect" Message
===
Ask to Play Again?
-- YES --> Generate New Random Sequence
-- NO  --> END

```

Memory Game Milestone Chart			
Milestones	Estimated time to develop	Actual time to develop	priority
Understand the code	30 mins	20 mins	1
Create an idea	60 mins	70 mins	3
Develop code	80 mins	40 mins	2
Pseudocode	15 mins	30 mins	4