

FIRE AT A CELL:

- 1) system prompts welcome message :

Welcome to Fortress Defense!
And system displays: hit or miss.

- 2) system display game board
- 3) system displays health of your fortress
- 3) system prompts user to enter coordinate
- 4) User types the cell to fire
format [letter,number]
Letter in upper or lower case
No space between letter and number
- 5) system displays: "HIT!" or "Miss".
- 6) system displays attack damage of remaining (alive) tanks

Variation #1 (shot missed)

- 1.1 @step5, system prints "Miss."
- 1.2 Continues with step 6

Variation #2 (invalid cell coordinate):

- 2.1 @step 4, user types invalid entry
- 2.2 System displays: Invalid target. Please enter a coordinate such as XX
- 2.3 Repeat step 3

GAME ENDS:

- 1) User fires at a cell successfully
- 2) System displays the grid
- 3) System displays the fortress' health
- 4) System prompts: Congratulations! You won!
- 5) System terminates

Variation #1 (user loses)

- 2.1 @Step 1, user misses his shot
- 2.2 @Step 4, system displays:"I'm sorry, your fortress has been smashed!"
- 2.3 Continues to step 5