

Project Plan and Description

Question 1

Topic 1: Hoarding food (Animal survival)

Game name: Food Searching for Winter

Game story: One day, rabbit White found the food supply it stored in the hole had disappeared. Probably, it is stolen by other jealous rabbits. Winter is coming soon, so White needs to search for new food to avoid food shortage, but the outside world is dangerous, White should be careful not to be caught by any of its predators!

Game rules: Once the game starts, the rabbit needs to successfully collect all the carrots in the map in order to win the game. Each carrot will contain a certain reward score that will be added to the total score. There are also bonus rewards that contain higher score amounts than the carrot. If the rabbit gets caught by a moving wolf, the game loses immediately. When the rabbit steps on a trap, the total score will be deducted, and if the total score is below zero, the game loses.

Game components:

- Static enemy: trap (or spoiled carrot)
- Animated enemy: wolf
- Regular reward: carrot
- Bonus reward: medkit
- Main character: rabbit