

## Requirements - Your wish is my command, assignment 4

### **Must haves**

- A fruit shall be dropped by an enemy, when the enemy is killed.
- The player shall collect the fruit by walking into the fruit.
- The players score shall be increased with 200 extra points if the player collects the fruit.
- The fruit shall disappear when collected by the player, or after 5 seconds.
- A power up shall spawn at a random position in the level.
- The player shall activate the power up by moving into the power up.
- Power ups shall give increased movement speed to the player for 20 seconds.
- Power ups shall appear randomly within the map, every 30-60 seconds.
- A power up shall disappear, if it is not collected within 10 seconds.
- The player shall start with 3 lives.
- The players lives shall be displayed in the top left corner.
- The players lives shall decrease with one when the player dies.
- The game shall end when the player has no lives left.

### **Should haves**

- The score of a fruit shall depend on the time before it's picked up.
- Fruits shall have more than 1 fruit.
- Power ups shall move through the level.