COMP2511 23T1 / Assignment II: Dungeonmania



Approved Assumptions



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The following behaviour is all undefined, and we will not test.

We will add to this list as people post on this forum megathread.

Please put assumptions on the megathread, not on Confluence so we can triage them easily.

a) Microevolution - Enemy Goal (10 marks)

• Whether allies destroyed by a player-placed bomb count towards the enemy goal is undefined.

b) Bosses (10 marks)

None ATM

c) Swamp Tile (10 marks)

- The effect of swamp tiles on boulders is undefined
- Whether swamp tile can be destroyed by bomb is undefined
- You can assume there will be only one swamp tile in the same grid.

d) Sun Stone & More Buildables (15 marks)

- Where there are multiple options for creating a buildable entity, the precedence of items is undefined
- The behaviour of a sceptre after use is undefined
- When trying to open a door with both a key and a sunstone in the player's inventory, it is undefined which entity will be used.
- The behaviour when mind_control_duration is <= 0 is undefined.
- When a mercenary or assassin can be bribed and mind controlled at the same time, which action will be taken after the player interacts with them is undefined.
- Whether a sunstone is preferred over keys or treasure when building a buildable item if both are available

is undefined.

• Whether midnight armour counts as a weapon when destroying zombie toast spawners is undefined.

e) Dungeon Generation (15 marks)

None ATM

f) Time Travel (20 marks)

- The behaviour when a player time travels within time travelling is undefined
- Older player behaviour when they can't carry out an event due to missing an item is undefined.
- The behaviour of the older player interacting with enemies during time travel is undefined.
- Whether goal (treasure goal, enemy goal) progress will be persisted or not in time travel is undefined.
- Whether historical BattleResponses will be persisted or not in time travel is undefined.
- Whether battle happens immediately after time travel is undefined
- Whether the old player's health should drop due to player's previous battle is undefined
- The behaviour of a time turner being in player's inventory after its use is undefined
- Whether the old player can overlap with enemies is undefined
- The behaviour of both the old player and the current player having an invincibility potion in battle is undefined.

g) Logic Switches (20 marks)

Whether the player can stand on light bulbs and wires is undefined

Other

- Whether or not a spider can spawns in the same tile as a boulder is undefined.
- The behaviour when a bomb explodes while other bombs exist in its radius is undefined
- If the cumulation of defence buffs is high enough to reduce the enemy's attack to 0, the behaviour is undefined
- The behaviour of ticks after the end game (winning or losing) state is undefined.
- You can assume there will be exactly one player entity initially on the map
- Whether having multiple swords (and other weapons of the same type) stack damage or are used one at a time is undefined behaviour
- Whether mercenaries can overlap is undefined.

- Whether destroying zombie spawners affects a sword's durability is undefined
- Whether having multiple allies stack battle buffs or not are undefined behaviour
- The movement of a mercenary when there is no path to the player is undefined
- Trying to Mind control/bribe an ally that is already mind controlled/bribe is undefined.

