Game Prototype Rebomb

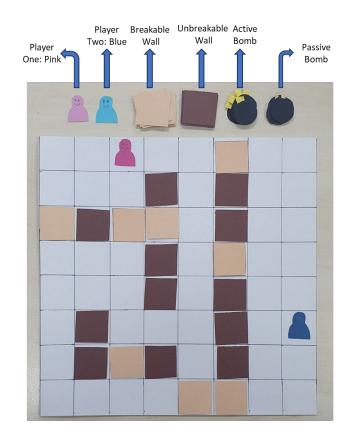
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Prototype Design

- Movement: Each player can move up to 3 tiles per turn.
- Active Bombs: Explode after 3 turns.
- Passive Bombs: Explode only when affected by another explosion.
- Range: Explosion range is 2 tiles.
- **Breakable Walls**: Can be destroyed by explosions from nearby active or passive bombs.
- Turn Mechanics: Players move simultaneously in each turn.
- **Explosion Timing**: Explosions occur in a calculation step after each round.
- Time Travel: Players can travel up to 3 rounds back in time.
- Bomb Collision: Players cannot walk over bombs.
- **Time Travel Usage**: Time travel can be initiated at the beginning of a round.
- **Walls:** Players cannot walk over them. Explosions cannot pass through them.



Gameplay demonstration of prototype

The demonstration gameplay of our prototype is attached as a video in the Games Lab documentations.

Gameplay Insights

First impressions

- Matches take too many turns to complete (more than 20)
- Bombs explosion range (1) too small
- Interaction between players is too small
- Chain reactions are not really happening in the game

Concerns of alternative turns

- Matches can end up in deadlocks (no resolution)
- Bomb timing can be confusing
- Simultaneous movements (players could block each other)
- Explosion effects disappear too fast

Experience

Player Strategy

Timing and trapping

- Predict and limit movement of enemy
- Combination of explosion range & step size & downcounting

Early bomb triggering

- Clear the battlefield
- Find the hourglass

Chain the explosion

- Target opponents in a distance
- Keep themself far and safe

Weapons and Items

Collision volume of bombs

- Restricting movements
- Motivating trapping strategy

Hourglass for rewind turns

- Revising a near-lose game
- Work as part of a trap

Game Idea Revision

Map Design

- More breakable walls: Increase suspense, longer games
- Many non-continuous unbreakable walls: Provide possibilities of trapping and encourage using chained explosions

Numerical Design

- Explosion range: Encourages blocking if too small, kills the value of cascaded explosions if too large
- Tests required to find the sweet point

Game Mode

- Before: Turn-based available for local multiplayer
- Potential problem: Too long waiting time if having 4+ players
- Possible modification: Allowing simultaneous actions for all players within a round, have to be online multiplayer. More modifications required to solve edge conditions in simultaneous actions

Game Idea Revision

Time Travel Feature

- Proven successful in deepening strategy depth and being a powerful resource to compete for
- Use cases: A redo when user is in danger, or as an aggressive action by taking advantage of the last bomb remaining
- Players feel unclear of the consequences in paper-based prototype, effect preview required in the real game

Game Concept

- Our 4 members all feel fun to play with the prototype
- We are different types of gamers (e.g. puzzle game fans, competitive esport gamers, turn-based game fans). We are more confident to make the game attract larger player audience

We wait for your feedback!

Thank you for your time!