Destruction for Dummies

Marco Grasso, Liou Bao, Jonathan Borowski

Team M.A.D - Mutually Assured Destruction Computer Games Laboratory WS1920



BILLSEYE

LEVEL EDITOR

Puzzle Platformer

- 2.5D
- Level build from blocks
- Almost every block is destructible
- Blocks have different properties / effects



Playtesting

Welcome and short introduction	~5min
Playing the main game	~15min
Testing the level editor	~5min
Filling out the feedback form	~10min
Casual talk about the game experience	~5min

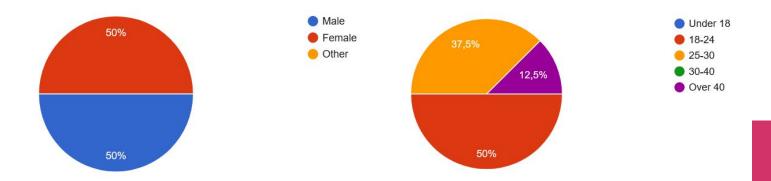
Feedback Form

- User Data
- General Experience: "The Game Experience Questionnaire"
 - o by IJsselsteijn, W. A., de Kort, Y. A. W., & Poels, K. (2013) Technische Universiteit Eindhoven
- Editor
- Game Design
- Final Remarks

The Results

Playtest stats

- 8 Testers
- 4 Female, 4 Male
- Mostly ages 18 24
- Majority well versed with games



Score table

The Game Experience Questionnaire

Green color indicates that we want a high score and red that we want a low score for that column. Orange means we want a medium score of 2.5.

Competence	Immersion	Flow	Positive affect	Challenge	Negative affect	Tension
3.3	3.5	3.6	3.4	4.5	1.8	2.9

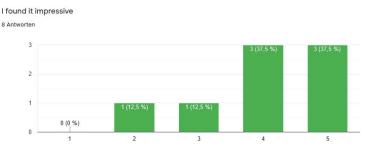
1.0 = not at all

2.5 = medium

5.0 = extremely

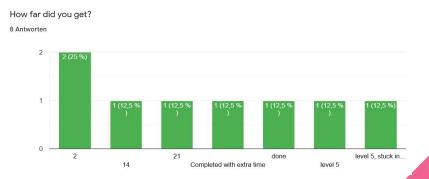
Findings: The good

- Players felt more or less successful
- People impressed by the game
- Game was not considered tiresome
- Game absorbed most testers completely
- Effects and animations were well received
- Editor was very well received



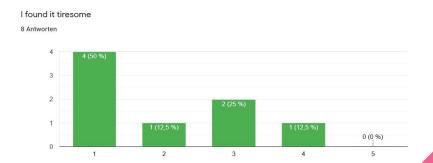
Highlights

- Most popular block: Respawn
- Least Popular block: Charge
- Only 3 testers have cleared all 21 levels
- Others stuck mainly on level 2 and 5



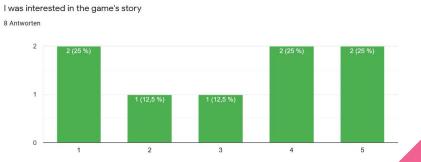
Findings: The not so good

- Testers were frustrated
- Game fount to be (too) challenging
- Player collider to big
- Zoom feature needs improvement



Findings: The other

- Moderate interest in the game's story
- Required effort
- Playing felt good, could have been better



Testers' suggestion

- Invincibility blocks
- Speed boost blocks
- Story blocks
- Teleportation blocks
- Moving blocks
- Invisible blocks

The Changes

Implemented changes

- Zoom out
 - Shows level from start platform, slight zoom out otherwise
- Dialogue cancel
 - Skip dialogues
- Streamlined difficult levels
 - Adjusted earlier levels, ironed out the game's difficulty curve
- Stone block: increased destruction time
- Charge block: better textual info, added effects
 - A circle of particles around the player indicates the explosion radius clearly
- Adjusted player collider
 - Changed the model's axis for a tighter fit for the collider

Planned changes

- Visual FX for blocks in the explosion range of charge block
- Delete areas in the editor
- Further tweaking of physics and player collider
- Make the small jumps smaller
- Color tint blocks that are about to vanish
- Further tweek new zoom feature

Questions / Feedback

Destruction for Dummies

Marco Grasso, Liou Bao, Jonathan Borowski

Team M.A.D - Mutually Assured Destruction Computer Games Laboratory WS1920