

Computer Games 2013

Game Creation Assignment: LBP

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Practical Assignment



- Each group has to deliver
 - A playable game (level)
 - 2 page, 12pt, Roman font
 - A game concept document for this level
 - 2 page, 12pt, Roman font
 - A presentation of the level
 - Just a few slides

Little Big Planet



- You control Sackgirl (Sackboy)
- You jump and run through levels
 - Story Levels
 - Community Levels
- You create levels
 - ... and publish them online
- Support for USB saves ...



Little Big Planet



- Key Game Features
 - Basic jump & run
 - Puzzle, story, bosses
 - Multiplayer (on- and offline)
 - Cooperative & competitive
 - Express yourself
 - Customize Sackgirl (Sackboy)
 - Talk & wave
 - Collectibles
 - throughout the levels



Little Big Planet



- Co-op trailer

Little Big Planet



- Creating Stories
 - show Trailer “Danger”

LBP: Key Level Elements



- Portal
 - Checkpoints, intermediate saves, lives
- High score table
 - Spatial “goal”
- Bubbles
 - Scoring ..
- Race portals

LBP: Key Level Elements



- Different material
 - Grab, glide, move, fly, etc.
- Physics
 - gravity, friction, etc.
- Mechanics
 - motors, rubber bands, springs, rockets
- Dangerous materials
 - TNT, acid, gas, fire, electricity

LBP: Key Level Concepts



- Platformer
 - Move through the level, maximize score
- Co-op
 - Go together to get more collectibles
- Race
 - Move as fast as you can
- Survival
 - Survive as long as you can
- Puzzle
 - Solve some puzzle to make your way

LBP: Survival Challenges



- see video ...
 - <http://www.youtube.com/watch?v=-MHZ13TJTNo>

LBP: Switches



- see video
 - <http://www.youtube.com/watch?v=PGWkBX7SQ0U>

LBP: Extensions



- Painter
- Water
- Dispenser hat (LBP2)
- Grabinator (LBP2)
- Controlinator (LBP2)
- ...

If you use LBP ... What to do next?



- Play some levels of LBP
 - Finish “The Gardens” to unlock everything.
- Check level creation tutorials
- Try to create levels ...

Parameters



Level creators set parameter

- competitive vs. cooperative
- race vs. survival vs. platformer (puzzle)
- single vs. multi player
- walking vs. vehicles

Goal - Winning Condition



- Highscore
 - global highscore
- Multi player
 - more points than co-players