Video Game Design Platformer Proposal

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Student Name:

Game Name:

Game Overview: (Genre, Concept, Game Flow Summary)

Gameplay: (Mission/Challenge Structure, Puzzle structure, Objectives, Progression, Game flow)

Research:

Mechanics: (Rules of the game, physics, movement, COGs, Actions, Combat, Economy)

Peer Assessment: Look for what is a hook and interest piece (why would a person want to play?

Potential gap, or problem for the player/customer? Any oversights?

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| 1 | 2 | 3 | 4 |
| * Game Design includes no examples from existing games, design is not supported by game mechanics.
* No evidence that research has supported or changed the design direction
 | * Game Design includes few examples from existing games, has a general design that is occasionally supported by the game mechanics.
* Little evidence that research has supported or changed the design direction
 | * Game Design includes some examples from existing games, has committed to a general design that is somewhat supported by the game mechanics.
* Evidence that research has supported or changed the design direction to a degree
 | * Game Design includes examples from existing games, has committed to a specific design that is supported by the game mechanics.
* Evidence that research has supported or changed the design direction.
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Story Setting and Character: (Game World, Characters, Story and Narrative)

Levels: (Provide a synopsis for each level: Include the objectives for each level, what changes)

Level 1 Name:

Synopsis:

Objective:

Level 2 Name:

Synopsis:

Objective:

Level 3 Name:

Synopsis:

Objective:

Game Assets: (Main Character, Enemy, Hazards)

What type of game are you most interested in working on for your final project?

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**Debrief Responses:**

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| 1 | 2 | 3 | 4 |
| * Student does not demonstrate growth throughout the process.
* Does not articulate what worked and what did not on the game.
* No resultant change.
 | * Student demonstrates some growth throughout the process.
* Has difficulty articulating what worked and what did not on the game.
* Little idea of what to change.
 | * Student demonstrates limited growth throughout the process
* Can simply articulate what worked and what did not on the game.
 | * Student demonstrates growth throughout the process
* Can articulate what worked and what did not on the game and what they would do differently the next time.
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**Final Impression:**

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| 1 | 2 | 3 | 4 |
| * Students has not implemented many required game mechanics, the game is buggy, errors out and the theme is haphazard.
 | * Students has implemented some of the required game mechanics, has synthesized them into a game that is somewhat engaging to play and has some variation in the theme.
 | * Students has implemented most required game mechanics, has synthesized them into a game that is engaging to play and commits to a theme.
 | * Students has implemented all required game mechanics, has synthesized them into a fully featured game that is engaging to play and commits to a theme.
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Platformer Game Function Criteria

* Functioning character (can jump, move left right, up and down and rotate).
* Character animation on movement.
* Collision events with platforms and walls
* Power-ups
* Goals (coins, gems, etc. to get points, health what have you)
* Scoring
* Enemies with a bounded movement path (bonus if you program Ai)
* Unified theme
* Collision with projectiles, death event for player
* A game end screen on player death
* Particle effects
* Level 1
* Level 2
* Level 3
* Difficulty rises progressively from easy, to challenging to difficult
* Each level has its' own unique look, though maintains visual continuity throughout the game.  Similar look, but a different feel.
* Hazards/enemies change throughout the game levels
* Controls are intuitive (left, right, WASD etc.)
* Easter Egg
* Opening Screen/information screen

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