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| Project Design Document | |  | | --- | | *05/20/2021*  Malte Reimann | |

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| --- | --- | --- | --- |
| Project Concept | | | |
| 1 **Player Control** |  | You control a   |  | | --- | | *Mario* | | in this   |  |  | | --- | --- | | *Side view* | game | |
|  | where   |  | | --- | | *Forward, backwards and jump* | | makes the player   |  | | --- | | *Jump, move forward/backward one step and then move the level* | |

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| 2 **Basic**  **Gameplay** |  | During the game,   |  |  | | --- | --- | | *Obstacles* | appear | | from   |  | | --- | | *The right of the screen* | |
|  | and the goal of the game is to   |  | | --- | | *get to the end of the level* | | |

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| 3 **Sound**  **& Effects** |  | There will be sound effects   |  | | --- | | *when you jump and move* | | and particle effects   |  | | --- | | *description of particle effects* | |
|  | [*optional*] There will also be   |  | | --- | | *haptic feedback for the steps and landing jumps* | | |

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| 4 **Gameplay**  **Mechanics** |  | As the game progresses,   |  | | --- | | *description of gameplay mechanic,* | | making it   |  | | --- | | *effect of gameplay mechanic* | |
|  | [*optional*] There will also be   |  | | --- | | *Introduce enemies, power ups and coins* | | |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 5 **User**  **Interface** |  | The   |  | | --- | | *score/lives/timer* | | will   |  | | --- | | *increase/decrease* | | whenever   |  | | --- | | *condition to change score/lives/timer.* | |
|  | At the start of the game, the title   |  |  | | --- | --- | | *“Working title* | will appear | | | and the game will end when   |  | | --- | | *we reach the flag at the end of the level* | |

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| 6 **Other Features** |  | |  | | --- | | *Any other notes about the project that you don’t feel were addressed in the above.* | |

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# Project Timeline

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| --- | --- | --- |
| Milestone | Description | Due |
| **#1** | |  | | --- | | * *Project / Camera set up with primitive objects for all gameplay objects* | | |  | | --- | | *05/20* | |
| **#2** | |  | | --- | | * *Player movement working as combination of player object moving and environment moving from right to left* | | |  | | --- | | *05/20* | |
| **#3** | |  | | --- | | * *Functional feature(s) by milestone #3* | | |  | | --- | | *mm/dd* | |
| **#4** | |  | | --- | | * *Functional feature(s) by milestone #4* | | |  | | --- | | *mm/dd* | |
| **#5** | |  | | --- | | * *Functional feature(s) by milestone #5* | | |  | | --- | | *mm/dd* | |
| **Backlog** | |  | | --- | | * *Feature on backlog - not a part of the minimum viable product* * *Feature on backlog - not a part of the minimum viable product* * *Feature on backlog - not a part of the minimum viable product* | | |  | | --- | | *mm/dd* | |

# Project Sketch