**Game Dev Ideas**

|  |  |
| --- | --- |
| **Demo** | |
| **Area** | **Info** |
| **Demo dev** | Entities have replacement layer input as well  When obstacle encountered, draws replacement layer on top “obRep  Works for ice, works for crystals, gate  Items.getInfoLines = returns array = custom lines for every item  In player = add “Xadu, teleptacht” to every line  **Crystals**   * Crystal can be placed at certain tiles (determined by enemy) * Alter map = make gate dull * Alter map = make lit up gate parts under wall, ground * First three crystals replace gate tiles with lit up versions * Last crystal = gate disappears and unblocks   Put a gold coin on dark ground near beach area = give electrovelox hint = if I gotmore, would be good  E = use magistructor orb to create “magistruct replica” = wood tiles extend to ship, unblocks  Ship is a huge enemy with a huge item. Grabbing anywhere will activate it Cannon minigame starts, medium difficukty, keeps repeating until you pass  When you pass, re-enter play state  Go back to Xadu  Have some dialogue = you wouldn’t believe what happened! So unreal. U can tell me on the way home  USE hasBeenSHown on popup = when true, enter exit state |
| **Audio** | Use fugue  Menu music  Background music  Sound for collecting items  Cryocapacitor use = icy sound  Magistructor orb use = stretching sound |
| **Deployment** | Compress and upload to google drive  Send off to Vick and jazz, Ben  Not sure I should continue anyone wants to play a game that isn’t like a triple A game But will continue if u like |

|  |  |
| --- | --- |
| **Extra** | |
| **Area** | **Info** |
| **Interesting items** | Add moditems tileset to map  Make it so items popup show before pickup  iPods   * Each increases movement speed from 0.02975 * (one inside initial area, one just outside, one in top right, one near lowest sea)   Disc   * Xadu ask wether to readit = boolean openToReading .. Press R to read data * Actually a virus * Ship becomes unresponsive. Im stuck here forever! * Makes you go to exit state   GasMask   * Helps you fight mushroom   Something that teleports you |
| **Code optimization** | Move entity status and list of entities, from player, to relevant store.  Foir items = add to itemStore AND player |
| **Dimension idea** | Crystals are padlocks, gate is a big key =opposite |
| **Opening Cinematic** | A big crashing sound is heard.  The screen slowly fades from black into a scene. |
| **Dialogue** | Dialogue extends Popup  Dialogue has an image of the person speaking next to their text |
| **Nicer hint movement** | Position of Alert = cycles through 2 3 4 5 4 3 2 .. change array position? |
| **Inventory** | Modelled as a new state  Background is medium dark brown  There is a grid of all the items you have picked up  Each item has a white background + black square border  Clicking on an item puts a white selection square around it  Information is displayed in a preview area  NO DROP BUTTON  Exit to Game Button  Button makes inventoryOpen = true;   * When inventoryOpen, turn off input * draw a brown square (same X as menu, lower Y) * For every item in player inventory, create a button. This button will load up a popup   Pressing control allows the selection of multiple items  Combine Button |
| **Hidden item** | Looks like ground tile with pebbles, actually has item  Use layers of tiles to achieve |
| **Score** | A “timer” goes during PLAY state and minigames  Score is calculated at end  Starts with large number  Time used = deductions  Lives used = deductions |
| **Error Handling** | Enclose MAIN method code in try and catch  In catch , add error popup  Find out best place for "libs deleted" issue (where does it hit first?)  Email "AAAdevteam@gmail.com" for errors |
| **Minigame Improvement** | Challenge class = A game state modelling most minigames   * + You have 100 health   + Intelligent heal system (use small potions first)   + When you lose 100 health, enter game over screen   + Retry minigame until you win or lose all lives     - Win = back to play state     - Fully dead =       * Game Over state shows different text       * Has exit button       * Play state is reloaded   Use modern item gun/sword = get from underworld |
| **Evil Tree and Mushroom** | Minions in leftover resources try to get you |
| **Cannon Ball Minigame upgrade** | Use sprites in leftovers  Can come from any direction |