cisc3660 game programming fall 2012 lecture # III.2

topics:

• game play: steps for game development

references:

• http://www.evl.uic.edu/spiff/class/cs426/,

by

Prof Jason Leigh, University of Illinois at Chicago (http://www.evl.uic.edu/spiff/) and

Prof Robert Kooima, Louisiana State University (http://csc.lsu.edu/~kooima/)

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project for unit III

- the project for unit III will be a complete game
- the project will be done in groups of 3
- groups will be assigned randomly (in class today)
- group members will evaluate each others' contributions, so participate!
- game will be written in Blender
- \bullet class/lab time will be given for working on the game
- you can design and build a *brand new game*
- or you can *extend* an existing game, in which case you have to make significant changes to the game in some creative ways
- there will be multiple opportunities for me to review your design and give you feedback



sample game: SandyLand
 did you ever play Candy Land when you were a kid?
 In this game, you move a gingerbread man along a path of colored tiles. The path leads to Candy Land.
 The goal of the game is to be the first player to reach Candy Land.
 You draw cards that have colors on them, and advance your gingerbread man to the next tile whose color matches the color on the card you drew.
 There are special tiles with characters on them (e.g., sugar plum fairy) and special cards to match.
 If you draw a special card, then you move to the tile with the matching character—even if that tile is behind you.
• in our modified game, <i>Sandy Land</i> , your goal is to move from your flooded house to the nearest Evacuation Shelter.
 Along the way—the evacuation route—you have to be careful to avoid falling trees a downed power lines.
– You can pick up bottled water for drinking, which will help increase your health poin

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