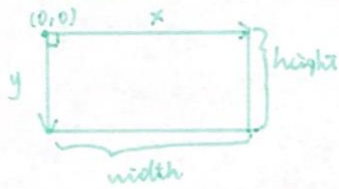
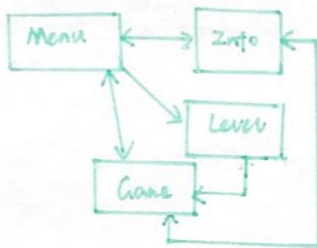


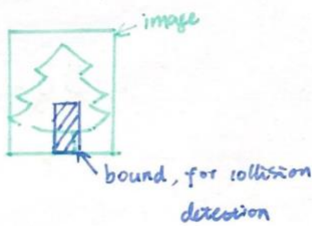
→ java coordinates:



→ States:



→ Bound: (for entity)



→ format for the .txt file that loads the world

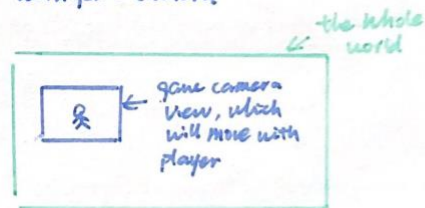
width	height
2	3
start positions for player	
0	0
tile types	
0	0
0	1
2	0

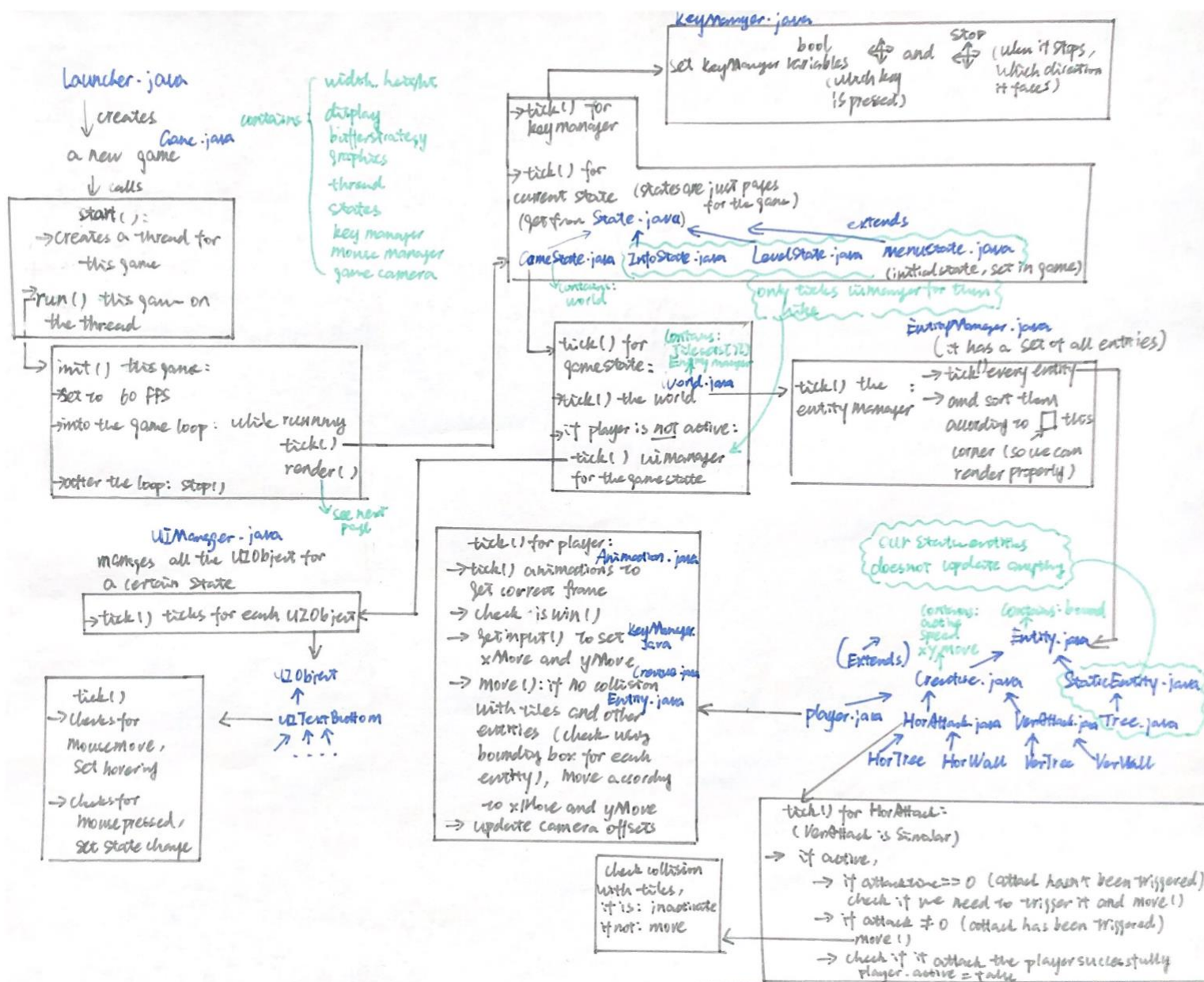
→ Spritesheet

An image that contains all of our needed image

→ GameCamera

When entities move, their relative position to tiles changes, this has nothing to do with game camera





Game.java

Render() in game:

- get graphics for this canvas: buffer strategy
- clear everything
- render() current state

GameState.java

GameState

render():

- render() the world
- if player is not active: render()
- UIManager

UIManager.java

render each UIObject

UITextButton.java

render text with correct color (hovering)

World.java

notice that when world initiated at game state, it reads from the txt files to generate a int[2][2] stored in our tileset.

We also have a camera that has x offset and y offset, it centered in player, player's tick() updates these values.

→ We render() each tile that can be shown with current x offset and y offset.

→ render() entity manager

Tile.java

draw the tile.

its backgroundImage comes from Assets (Assets initiated in game)

EntityManager.java

- render() each entity with correct image and position
- if lose / win: draw texts

contains:

- fonts
- player animation frame images
- other entities' images
- tile images