Team Oh - Brandon Chong, Andrew Shao, William Lu APCS2 pd2 UML Diagram 2018-06-01F

TeemoRun (driver)

Delay delay

Teemo t

ArrayList<Minion> minions

void setup()

void draw()

void keyPressed()

void mouseMoved()

void gameOver()

void kill(

Unit

ArrayList<Bullet> bullets

boolean isAlive

float x, y, dx, dy

color c

void shoot()

void move()

void die()

Teemo extends Unit

Queue<Ability> abilities

int dmg, score

boolean is Alive

void move()

void activate()

void pickUp(Item t)

void revive()

boolean touches(Minion m)

Minion
static int maxHealth int health boolean isAlive
void lowerHealth()
Item
Teemo t float x, y
equip(Teemo t)
Coin extends Item
Diamond extends Item
int value
Ability extends Item
int duration

Bullet

Unit source int dmg float x, y, dx, dy color c

void move()
void hit(Unit u)

// subclasses of abilities not shown