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CS297

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## Test procedure

### **Movement**

- Press "w" and you should move up
- Press "a" and you should move left
- Press "s" and you should move down
- Press "d" and you should move right
- Character should follow mouse cursor for a the direction to look
- Character should not be able to move through wall, doors or other physical obstacles

### **Firing**

- Pressing left mouse button should fire player shots
- Shots should not go through anything
- Shots should damage or kill enemies
- Pressing the right should fire off a nuke ability if the super amount is at least 10, if not it should do nothing.
- Nuke should damage or kill enemies within its radius

## **Powerups**

- If health is below 3 the health powerup should give you a +1 health
- If health is 3 the health powerup should not disappear or give the player extra health
- The spread powerup should give the player the ability to fire a spread of shots until hit or dies
- Super powerup should fill the super gauge of the player
- Keys should give the player +1 key
- Keys should open doors and decrease by 1 when opening door
- You should not be able to open doors without keys

## **Enemies**

- Enemies should spawn when you come within a certain range
- Enemies should try to chase the closest player if more than 1 Player is present
- Shooter enemies should try to fire from a distance
- Melee enemies should try to move to your position and attack at close range, but not move into the player's position.

## **UI**

- Health be should shown in the number candles and should be zero if the player dies
- Keys should be shown in number next to symbol
- Lives should be shown in number next to symbol
- Super should be shown with a gauge likened to half of a clock

## **Menu**

- Menu should be activated with the Esc key
- Menu should pause the game
- Exiting the game should be an option
- Exit should Close the application

## **Alpha Testers**

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