**Requirements listed in FURPS+ format**

**Functionalitiy –**

Online connectivity with multiple users.

Custom Boards from user images.

Online chat with multiple users.

Host control, (i.e. policing), (Host should be able to keep players from ruining a game)

Custom pieces from user images.

Dice roll simulation. (Can handle multiple dice, with varying side amounts)

Removing objects. (Once removed object should not be accessible or affect further gameplay)

Moving objects. (Should be simple to do (under 4 clicks), and should look smooth)

Card drawing and shuffling simulation.

**Usability –**

Clean and clear User Interface

Simple display

Detailed online instructions

**Reliability –**

Will not crash if port already in use.

Will not crash if connection fails.

Will not crash if host uploads corrupt images.

**Performance –**

Connection will not hang.

Images will load quickly. (images should not load in more than 10-20 seconds)

No memory leaks.

**Supportability –**

No need to install.

Easily shared between friends. (a single file that can be transferred via internet)

**Supplemental Specification using MoSCoW**

**Must have –**

1. Online Connectivity with others. (More than just 2)

2. Online chat with others. (More than just 2)

3. Custom board from user images. (support at least 1 file type)

4. Custom pieces from user images. (support at least 1 file type)

5. Pieces that can be moved. (Quickly done (less than 4 clicks) and smooth (doesn’t disrupt board)

**Should have –**

6. Host Control (policing through banning, unbanning, and locking the board)

7. Pieces that can be removed. (Piece will no longer affect game or be accessable)

8. Dice Roll Simulation (Support at least 10 number of dice, at least 100 number of sides)

9. Detailed online instructions for using program. (Shows how to host, connect and set up game)

10. Clean and clear user interface. (No option should take more than 4 clicks to access)

11. Simple display.

**Could have –**

12. Drawing a Card.

13. Card Shuffling. (Should work for variously sized decks)

14. Display user IP address.