T18

FSM Flow Chart

11/17/2014

Power On

Place pieces

YES, Change player

Initial Piece Placement

Meets end-of-turn Conditions?

Dice roll

Press roll Dice button

Pick a piece

NO, same player

Invalid, Undo last move

First move, pre-pick

Place piece in valid spot

Pick 1st piece

Made a line?

Invalid Placement

First move, post-pick

YES

NO

Picked Invalid Piece

Display winning sequence and start a new round

Second move, pre-pick

YES

Invalid Placement

Place piece in valid spot

Made a line?

Pick 2nd piece

NO, new turn, same player

Second move, post-pick