Requirement Analysis

Mandatory Requirements:

1. Allow for 1 to 5 players, with at least one autonomous computer agent
2. Implement all rules (1 through 25) specified in the brief
   1. Review the rules pdf and flowchart for in-depth analysis
3. Dice rolls must be fair and have equal probabilities for each outcome
4. The bank has ‘unlimited’ money, so will always be able to pay players
5. Have two versions of the game
   1. Full game, which runs until only one player remains
   2. Abridged game, which has a time limit
6. Have a GUI that is colourful and reflects the spirit and character of the original board game
7. Have a way of uploading the initial data from provided Excel documents
8. Have a way of monitoring the performance of the simulation
   1. Show the current worth of each player and their owned property assets
   2. Available for all to see
9. Have a way of being tested
10. PC development is preferred

Optional Features:

1. More than one AI player agent
2. AI with multiple difficulty levels
   1. Easy, random, hard, etc.
3. Ideally, work on both Mac and PC