

## Software Engineering Glossary for Blackjack App

1. **Artificial Intelligence (AI)** - The implementation of algorithms that allow the dealer and other players to behave with programmed intelligence, simulating real-world decision-making in the game.
2. **Wildcard** - A special card (e.g., Joker) that can modify standard gameplay by introducing unpredictable elements.
3. **Image Generation API** - An external service used to create and display images dynamically, such as rendering a pop-up for the wildcard.
4. **Game Rules Selection** - A system allowing players to choose from multiple rule sets, affecting gameplay dynamics and strategy.
5. **Multiplayer Mode** - A gameplay option allowing 2-4 players to compete against a dealer or each other in real-time.
6. **High Score System** - A persistent feature tracking and displaying players' best performances across multiple rounds.
7. **Betting System** - The mechanism through which players place side bets and standard wagers within the game.
8. **Themed Decks** - Custom-designed playing cards that use different themes (e.g., space, fantasy, retro) to enhance visual appeal.
9. **Main Menu** - The initial interface presented upon launching the game, allowing players to select different game modes and settings.
10. **Time Pressure Mechanic** - A system that enforces a timer on player decisions to increase challenge and engagement.
11. **Player Stats** - A feature that tracks individual player statistics such as wins, losses, and total money earned/lost across multiple sessions.
12. **Help System** - An in-game menu providing explanations of game rules, strategies, and special features for new or experienced players.
13. **Sound Effects** - Basic audio feedback (e.g., beeps for card deals or win notifications) to enhance immersion in a console-based environment.
14. **Leaderboard** - A ranking system displaying top-performing players based on their game statistics and overall performance.
15. **User Authentication** - A login/logout system that allows players to create accounts, store progress, and access personalized data securely.