

Backstory

We are senior-year students in the School of Computer Science & Engineering at Sacred Heart University. Our group is made up of both Game Design and IT majors. For our Capstone Project we have decided to create a PC-based card game based on the popular casino game, Blackjack. The idea came from one of our members, who thought of a creative new way to learn and strategize the game of Blackjack. Our game is called Jokers!

What is Jokers?

Jokers is a Blackjack-based casino game where you play as the dealer rather than a player. You have control over the cards in the deck and can decide who gets what card! You do this through a variety of card shuffling mechanics and by dealing either the top card, second card, or bottom card in the deck only. Your objective is to make sure the other players bust or for you, the dealer to get the closest-to or exactly 21. And make sure the casino turns a profit by day's end...

What makes Jokers different?

- Use of AI to make player bots play to win and increase difficulty as more rounds are won*
- Multiple card shuffling mechanics, simulating that of a casino dealer
- A different user interface than that of traditional virtual card games
- Presents a unique way of learning and playing Blackjack

*Published by DigitalCommons@SHU, 2019
(*currently in progress)



Murtagh et al.: Jokers
Sacred Heart UNIVERSITY

SCHOOL OF COMPUTER SCIENCE & ENGINEERING

Created by Ryan Rogers, Dan Murtagh, and Christian Moncada

Faculty: Dr. D Cenk Erdil & Dr. Robert McCloud



	2	3	4	5	6	7	8	9	10	A
17+	S	S	S	S	S	S	S	S	S	S
16	S	S	S	S	S	H	H	H	H	H
15	S	S	S	S	S	H	H	H	H	H
14	S	S	S	S	S	H	H	H	H	H
13	S	S	S	S	S	H	H	H	H	H
12	H	H	S	S	S	H	H	H	H	H
11	D	D	D	D	D	D	D	D	D	D
10	D	D	D	D	D	D	D	D	H	H
9	D	D	D	D	D	H	H	H	H	H
8	H	H	H	H	H	H	H	H	H	H
7	H	H	H	H	H	H	H	H	H	H
6	H	H	H	H	H	H	H	H	H	H
5	H	H	H	H	H	H	H	H	H	H
4	H	H	H	H	H	H	H	H	H	H
Other card										
A in hand	A	H	H	H	H	H	H	H	H	H
10	S	S	S	S	S	S	S	S	S	S
9	S	S	S	S	S	S	S	S	S	S
8	S	S	S	S	S	S	S	S	S	S
7	S	D	D	D	D	S	S	H	H	H
6	H	D	D	D	D	H	H	H	H	H
5	H	D	D	D	D	H	H	H	H	H
4	H	H	D	D	D	H	H	H	H	H
3	H	H	H	D	D	H	H	H	H	H
2	H	H	H	D	D	H	H	H	H	H

S Stay
H Hit
D Double Down

