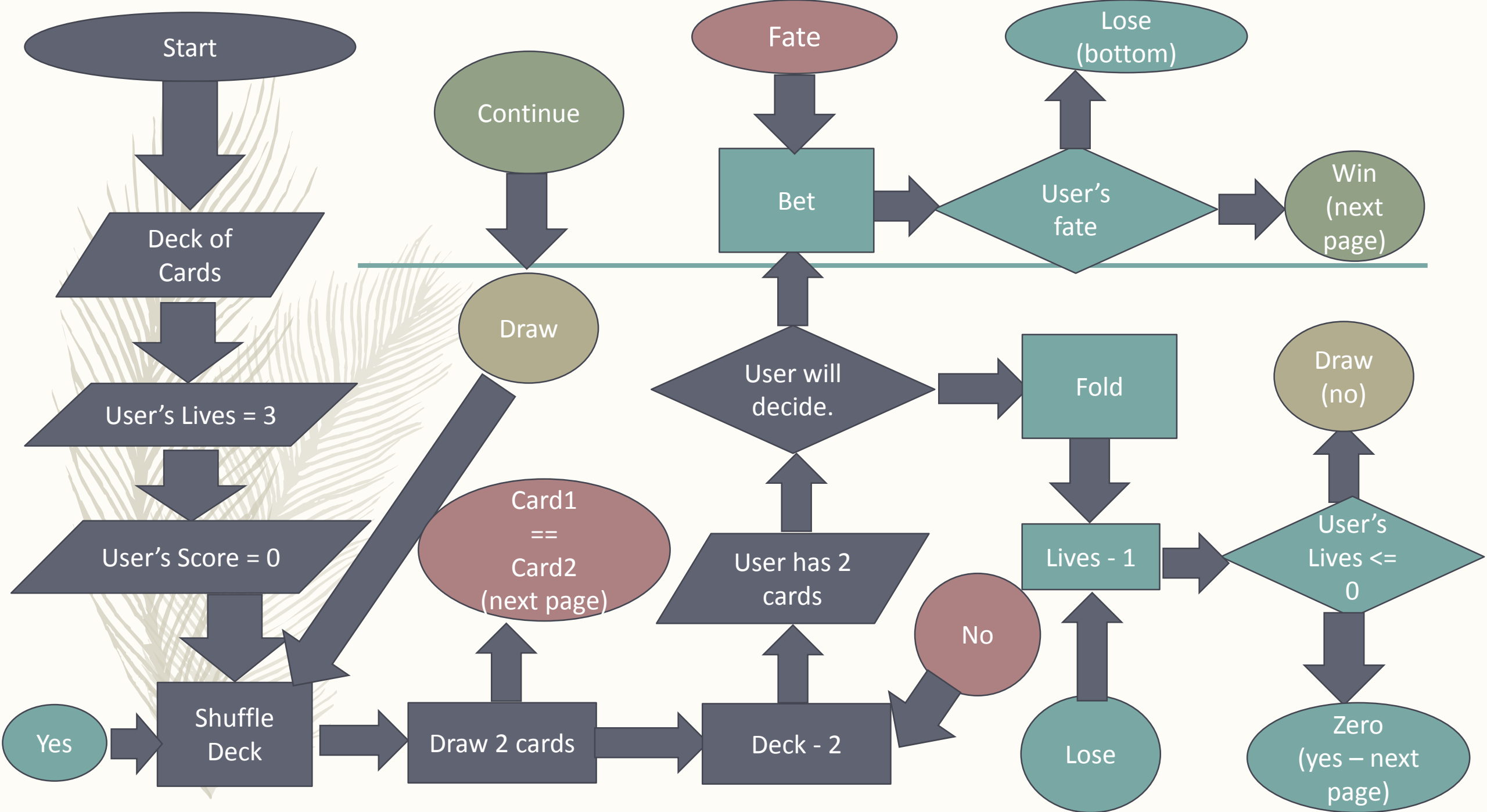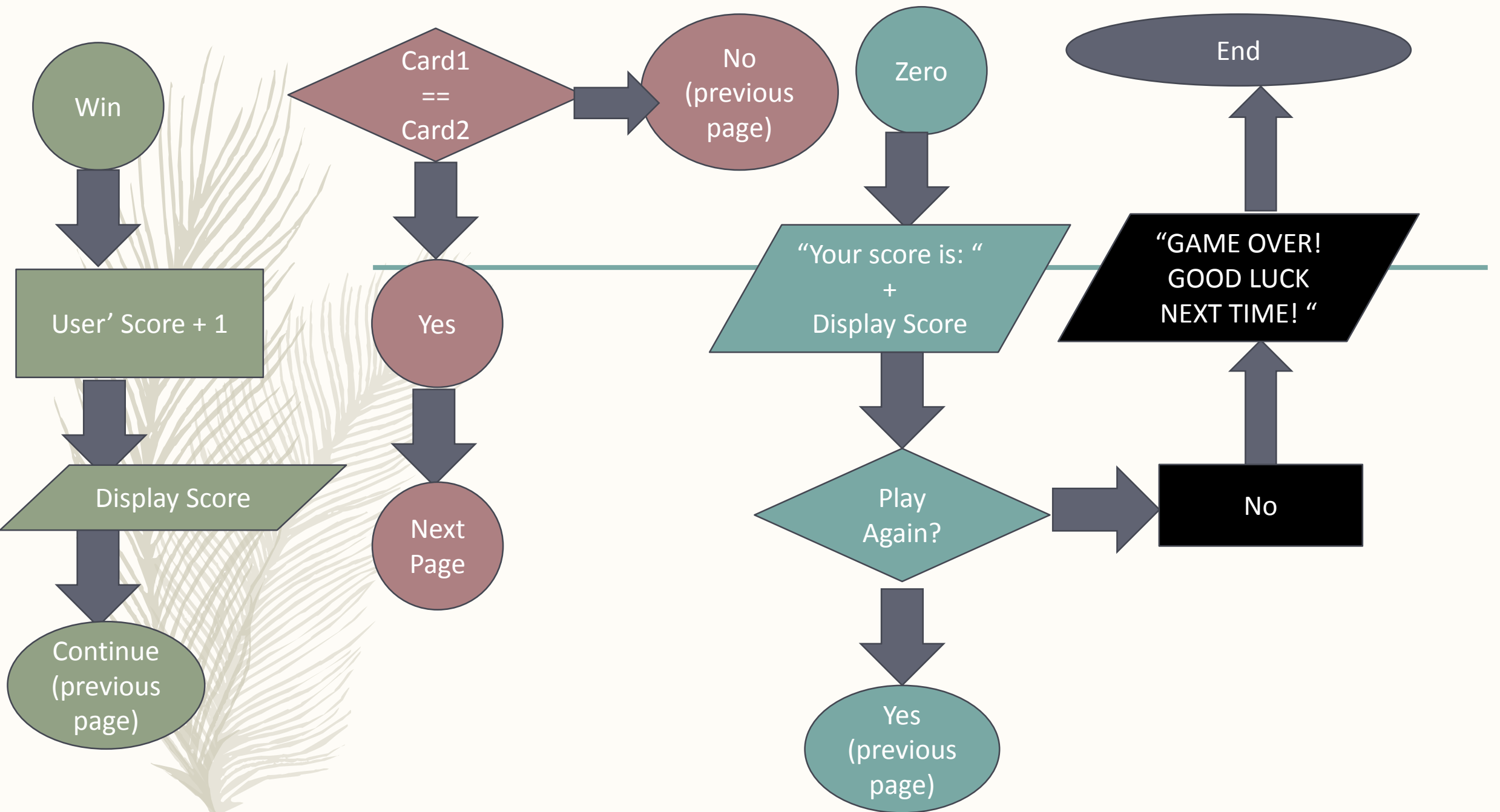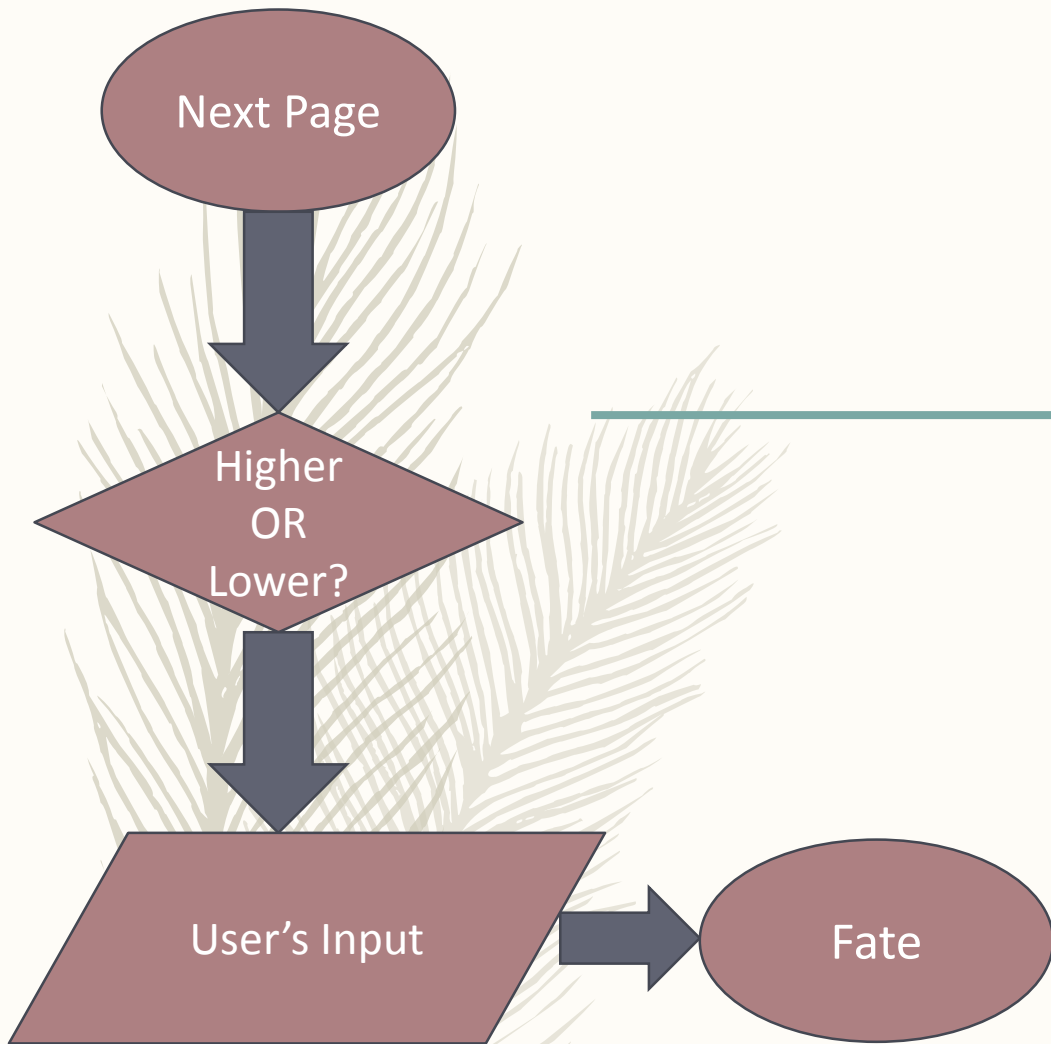# Red Dog Poker

Pseudocode

Overview:

– Red dog poker is also known as "in-between poker"

– This game that I think of is not a gambling game but it is just a simple program that will just totally test your luck.

Rules:

– Ace being the lowest; King being the highest.

– Suits doesn't matter in this game

– Players is given two cards.

– Player is also given 3 lives.

– He has the choice to bet or fold.

  – If he bets, the dealer will give him third card. If third card is in between – player wins and score is incremented – will shuffle the deck again and continue playing; but if card is not in between then player loses.

    – Special case: If card1 is equal to card2 then the user have the choice to say "higher" or "lower"

  – If he folds, he doesn't lose anything but in this program – he automatically loses – like retreating.

```
                                                      Fate              Lose
       Start                                           │              (bottom)
         │                    Continue                 ▼                 ▲
         ▼                        │                                      │
   Deck of Cards                  │            Bet ──────▶  User's fate ──────▶  Win
         │ ─────────────────────── │ ────────────────────────────────────────   (next page)
         ▼                        ▼
   User's Lives = 3             Draw                                      Fold
         │                        │            User will decide. ──────▶
         ▼                        │                                        │
   User's Score = 0              │                                        ▼
         │               Card1 == Card2          User has 2 cards      Lives - 1 ──────▶ User's Lives <= 0
         │                (next page)                     │      No         │              │
         ▼                                                │                 ▼              ▼
   Yes ──▶ Shuffle Deck ──▶ Draw 2 cards ──▶ Deck - 2    Lose            Zero (yes – next page)
                                                                        Draw (no)
```

Start

Deck of Cards

User's Lives = 3

User's Score = 0

Continue

Draw

Card1 == Card2 (next page)

Fate

Bet

User will decide.

User has 2 cards

User's fate

Fold

Lives - 1

User's Lives <= 0

Lose (bottom)

Win (next page)

Draw (no)

Yes

Shuffle Deck

Draw 2 cards

Deck - 2

No

Lose

Zero (yes – next page)

```
Win
  │
  ▼
User' Score + 1
  │
  ▼
Display Score
  │
  ▼
Continue (previous page)


Card1 == Card2 ──▶ No (previous page)
  │
  ▼
Yes
  │
  ▼
Next Page


Zero
  │
  ▼
"Your score is: " + Display Score
  │
  ▼
Play Again? ──▶ No
  │              │
  ▼              ▼
Yes            "GAME OVER! GOOD LUCK NEXT TIME! "
(previous         │
page)             ▼
                End
```