**Main Menu**

**Reset Chips**

* App uses a database (from Room library) to store the player chips shown on the main menu
* Chips can be reset to 100 as shown below

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| وولاو «وولا  SOC  SdIHO  0dلا3لا d"* 1لا.؟ | LET'S PLAY POKER!  Progress reset, here's 100 chips  100  PROG |

**Play**

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| --- | --- |
| Game starting state - press start to begin          Machine generated alternative text: DEALER'S HAND  00000  YOUR HAND  00000  PLACE YOUR BET  CNIPS  125  o  PRESS START TO BEGIN | Start pressed     * Player's hand is displayed and message for type of hand is shown below in red * Good luck message is also displayed * Instruction updated - place bet or select swap cards!     个  YOUR BN  DEALER'S A 0  YOUR A 0  0 |

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| --- | --- |
| Bad move - You must bet at least one chip before placing bet  ixom aooo  "MS o. sauro zonas ao  Sd1HO  ilaq Eu!aeld  ajo;aq d!qo auo useal te laq usnw noA  UIVd aN0  aNVH unoA  aNVH | Select any number of cards to swap   * Cards will be swapped out for new cards (only usable up to **one** time per hand)     0  ; 0000 |

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| --- | --- |
| Swap completed   * Message updated - Finish placing bet     OA  0  0 nOA  iXOM 080 | Placing bet   * Up to **one** of each chip can be selected and will update in bet output * Chips light up when selected   + Red = 5   + Blue = 10   + Green = 25   + Meaning max bet = 5 + 10 + 25 = 40   0 unoA |

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| Place bet pressed   * Dealer's hand is displayed * Output hand winner message is displayed - dealer wins the hand (they have a better pair) * Database table updated with new value for player's chips   PuCEYOUR BÄ | Play again pressed   * Entire game reset and user can play again       MOA  0  0 S. 1W0 |

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| --- | --- |
| Back pressed   * Game returns to main menu and chips have been updated via database query     LETS PLAY POKER!  CHIPS |  |

**Hands**

* This game supports all poker hands and ranks then correctly
  + Dealer is favoured in highcard ties for each hand
  + Score is based on hand level -> 1-10 times bet depending on hand
    - Ex Royal flush rewards 10X bet

* Here are some of my test results while using hardcoded hands for testing:

**Royal Flush & Straight Flush**

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| YOUR A 0  PuCE YOUR BET | •Q  · 10  YO A  YO BET  RO 0 0 |

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| --- | --- |
| **Four of a Kind**  SdM3 ОИ МОМ ПОЛ  ознымн онпон  има  ипол  оми V ипо•  ррппа  онпн ипол  онт V нпо•  арппа  омпн s.umno | **Full House**  DEALER'S *AND  FULL HOUSE  YOUR HAND  Fuu HOUSE  PLACE YOUR BET  CHIPS  1135  ROUND  DEALER WINS *AND |

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| --- | --- |
| **Flush**    个  CHIPS  1075  DEALER'S A ~ 0 | **Flush 2 with lower hand inside (three of a kind)** |

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| --- | --- |
| **Straight Ace High**    DEALER'S A 0  YOUR 關 A 0  d d  PuCEYOUR Bn | **Straight Ace low**  个  CHIPS  1035  PuCE YOUR BET  DEALA'S HAND  YOUR A 0 |

|  |  |
| --- | --- |
| **Three of a Kind**  DEALER'S A 0  T OF A  0 R A 0  TNREE 0 A  P C 0M1 BET  0 0  C $ | **Two Pair**  个  CHIPS  P YO R  DEALER'S A |

|  |  |
| --- | --- |
| **One Pair & High Card**  sama ое мом пол  ознями онпон  ово  и•нз  иа ипол  HIVd амо  ипоЛ  оно нож  омпн s.umno |  |