

Exercise 2: Build the Model

Build a Domain Model for Black Jack.

Option 1: Continue from Exercise 1

- Use your Result from *Exercise 1*
- Download the Spec-Files from
https://github.com/marcoemrich/reasonreact_blackjack/tree/exercise_model/src/Model

Option 2: Start again from Repo

- git clone [git@github.com:marcoemrich/reasonreact_blackjack.git](https://github.com/marcoemrich/reasonreact_blackjack.git)
- cd reasonreact_blackjack
- git checkout exercise_model
- npm i

Both Options

- Remove the *.prepare*-suffix from spec-files
- Get all Specs to run

Goal

PASS src/Model/**Deck_spec.bs.js**

Deck

- ✓ Deck.deal returns a hand of number of cards (3ms)

PASS src/Model/**Card_spec.bs.js**

Card.score

- ✓ Card.score of a Number is the number (3ms)
- ✓ Card.score of Jack is 10
- ✓ Card.score of Ace is 1

Card.color

- ✓ maps cross and spade to black
- ✓ maps heart and diamonds to red (1ms)

PASS src/Model/**Hand_spec.bs.js**

Hand.score

- ✓ calculates the score of a Hand (2ms)

PASS src/Model/**Game_spec.bs.js**

Game.deal

- ✓ moves a card from deck to hand (3ms)

Test Suites: 4 passed, 4 total

Tests: 8 passed, 8 total

Snapshots: 0 total

Time: 0.976s

Ran all test suites.