# BitCoin API

BitCoin API provides data about the price of bitcoin crypto currency comparing to rang of many different currencies.

Read more about BitCoin URL in this link: https://apiv2.bitcoinaverage.com

API URL is "https://apiv2.bitcoinaverage.com/indices/global/ticker/BTC" with the three digit referring to specific currency.

USD to BitCoin:
https://apiv2.bitcoinaverage.com/indices/global/ticker/BTCUSD.

# API Json

This API provides a valid JSON data for each chosen currency.

We need to view the "ask" value only in this app.

```
{
    "ask": 3991.50,
    "bid": 3990.53,
    "last": 3990.08,
    "high": 4070.57,
    "low": 3951.87,
    "open": {
        "hour": 3991.57,
        "day": 4049.57,
        "week": 3870.87,
        "month": 3943.61,
        "month_3": 4022.91,
        "month_6": 6662.99,
        "year": 8986.65
    },
    "averages": {
        "day": 4032.30,
        "week": 3982.50,
        "month": 3960.34
    },
    "volume": 70140.79577772,
    "changes": {
        "price": {
            "hour": -1.49,
            "day": -59.49,
            "week": 119.21,
            "month": 46.47,
            "month_3": -32.83,
            "month_6": -2672.91,
            "year": -4996.57
        },
        "percent": {
            "hour": -0.04,
            "day": -1.47,
            "week": 3.08,
            "month": 1.18,
            "month_3": -0.82,
            "month_6": -40.12,
            "year": -55.60
        }
    },
    "volume_percent": 81.96,
    "timestamp": 1553198512,
    "display_timestamp": "2019-03-21 20:01:52",
    "display_symbol": "BTC-USD"
}
```
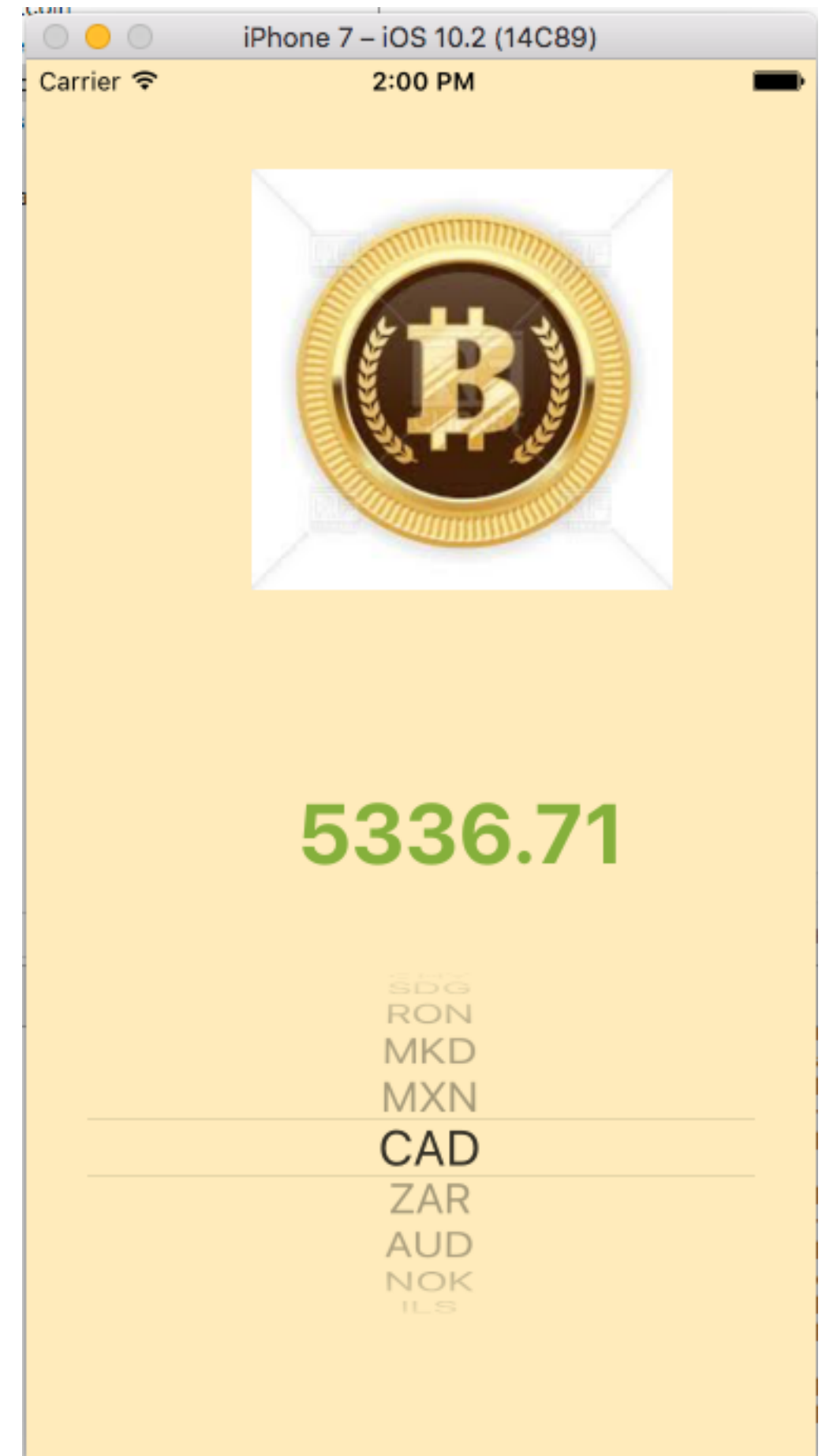
# BitCoin UI

BitCoin Image
Lable to show the value
Picker view to choose the
currency.

When the user select any
currency from the picker view the
value of bitcoin should appear
directly in the lable.