

```

const API_URL = "https://open.er-api.com/v6/latest/USD";
let allRates = {};
let records = JSON.parse(localStorage.getItem('myTravelRecords')) || [];

async function initApp() {
  try {
    const response = await fetch(API_URL);
    const data = await response.json();
    allRates = data.rates;
    const twdRate = data.rates.TWD;

    const amountInput = document.getElementById('amount');
    const currencySelect = document.getElementById('currencySelect');
    const resultDisplay = document.getElementById('result');

    const calculate = () => {
      const amount = amountInput.value || 0;
      const selectedCurrency = currencySelect.value;
      const rateToTwd = (1 / allRates[selectedCurrency]) * twdRate;
      const finalValue = amount * rateToTwd;
      resultDisplay.innerText = finalValue.toLocaleString(undefined,
{maximumFractionDigits: 2});
    };

    amountInput.addEventListener('input', calculate);
    currencySelect.addEventListener('change', calculate);

    renderRecords();
  } catch (error) {
    console.error("匯率更新失敗");
  }
}

function addLog() {
  const note = document.getElementById('note').value;
  const cost = document.getElementById('cost').value;
  if (!note || !cost) return;

  const newRecord = {
    note: note,
    cost: parseFloat(cost).toLocaleString(),
    time: new Date().toLocaleString('zh-TW', { hour12: false, month: 'numeric', day:
'numeric', hour: '2-digit', minute: '2-digit' })
  };

  records.unshift(newRecord);
  localStorage.setItem('myTravelRecords', JSON.stringify(records));
}

```

```
renderRecords();
document.getElementById('note').value = "";
document.getElementById('cost').value = "";
}

function renderRecords() {
  const list = document.getElementById('logList');
  list.innerHTML = records.map(r => `
    <li>
      <span>${r.note} <small>${r.time}</small></span>
      <b>-${r.cost} TWD</b>
    </li>
  `).join("");
}

initApp();
```