

Blockchain Payment Smart Contract Code Review Sheet

Project & Reviewer Information

Project/Contract Name
Repository / Source
Smart Contract Address
Reviewer
Date
Version

Quick Checklist

- ☐ Code compiles and deploys successfully
- ☐ Comments and documentation are adequate
- ☐ Payment logic is clear and unambiguous
- ☐ No unsafe external calls
- ☐ Reentrancy protected
- ☐ Integer overflows/underflows prevented
- ☐ Access control implemented correctly
- ☐ All external dependencies are validated
- ☐ Event emission for state-changing actions
- ☐ Fallback/receive function behavior appropriate
- ☐ All payable functions reviewed
- ☐ Function visibility explicit and appropriate
- ☐ Includes test coverage for payment scenarios

Critical Vulnerabilities

[Detail any major risks or bugs found]

--

Design & Clarity

[Notes on code structure, clarity, modularity]

--

Payment Logic

[Notes on payment flow, withdrawal, fee, and accounting logic]

Security Considerations

[Notes on reentrancy, DoS, access control, external calls, etc.]

Gas Efficiency

[Notes on optimizations, unnecessary storage, expensive operations]

Testing & Coverage

[Notes on available tests, missing scenarios, recommendations]

Other Notes