

# 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