



## PROJECT SPECIFICATION

**Capstone: Real Estate Marketplace****Project Deliverables**

CRITERIA	MEETS SPECIFICATIONS
Write Up	Student includes a README to explain how to test their code.
Write Up	Student provides Contract Addresses, Contract Abi's, OpenSea MarketPlace Storefront link's.

**ERC721**

CRITERIA	MEETS SPECIFICATIONS
ERC721 Mintable Contract	Student completes the boilerplate ERC721 Mintable Contract in <code>ERC721Mintable.sol</code>
ERC721 Mintable Contract Test Cases	Student writes and passes the test cases in <code>TestERC721Mintable.js</code>

CRITERIA	MEETS SPECIFICATIONS
ERC721 Mintable Contract Zokrates Test	Student writes and passes the test cases in 'TestSquareVerifier.js'
ERC721 Mintable Contract Zokrates Test Cases	Student writes and passes the test cases in <code>TestSolnSquareVerifier.js</code>

## Zokrates

CRITERIA	MEETS SPECIFICATIONS
Zokrates program written using DSL	Student completes the Zokrates proof in square.code by adding the variable names in <code>square.code</code>
Zokrates Test Cases	Student completes test contract in <code>SolnSquareVerifier.sol</code>
Zokrates Test Cases	Student writes and passes the test cases in 'TestSolnSquareVerifier.js'

CRITERIA	MEETS SPECIFICATIONS
OpenSea Marketplace	

CRITERIA	MEETS SPECIFICATIONS
Market Place	Student list ERC721/ ZoKrates tokens & complete transactions on market place

### Deployment

CRITERIA	MEETS SPECIFICATIONS
Deployment	Student deploys ERC721 contracts with Zokrates integration.