To structure a smart contract on the Cardano platform, following the defined parameters, we can conceptualize the process as follows:

- 1. Definition of the Contract and Main Variables
- Applicant address: The person requesting the creation of the NFT.
- Receiver Address: The person who authorizes the payment and receives the funds.
- Payment amount: The amount of ADA to be transferred for the creation of the NFT.
- Title and notes: Information that will be stored in the NFT.
- Transaction hash: The hash that represents the transaction in the blockchain.
- 2. Main Components of the Contract
- to. NFT Creation Request
- The applicant initiates an application by providing the title, notes, payment amount and recipient's address.
- The contract verifies that the payment amount is correct and stores the NFT data in a temporary state.
- b. Authorization and Making Payment
- The payment recipient reviews the request and digitally signs the transaction to authorize the payment.
- The contract validates the recipient's signature to guarantee authorization.
- c. Registration on the Blockchain
- Once payment is authorized, the contract transfers the funds to the recipient.
- The NFT data (title, notes, recipient address) is recorded on the blockchain.
- A hash of the transaction is generated, which is stored along with the NFT data.
- 3. Conceptual Diagram

Smart Contract
1. NFT Creation Request
- Applicant Address
- Receiver address
- Payment amount
- Title and notes
2. Authorization and Making Payment
- Receiver signature validation
- Transfer of funds
3. Registration on the Blockchain
- NFT data storage
- Transaction hash generation
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4. Smart Contract Steps

- Creation Request
- The requester calls the smart contract and provides the necessary details (title, notes, payment amount, recipient address).
- The contract verifies that the payment amount is correct.
 - Payment Authorization
- The recipient reviews the request and digitally signs to authorize payment.
- The contract validates the recipient's signature to ensure that the authorization is valid.
 - Payment and Registration
- Once authorized, the contract transfers the funds to the recipient.
- The NFT data (title, notes, recipient address) is recorded on the blockchain.
- A hash of the transaction is generated and stored.
- 5. Implementation (Conceptual)

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