**Table 1.1 View Only Functions in contract:**

| | Name | Parameters | Description | Access |
|---|---|---|---|---|
| 1. | allowance(owner,spender) | owner: token owner address<br>spender: token spender address | Returns the amount that the spender is still allowed to withdraw from the owner. | public |
| 2. | balanceOf(user) | user: user's address | to get total tokens owned by the user. | public |
| 3. | decimals() | - | Returns decimals, which refers to how divisible a token can be. | public |
| 4. | name() | - | name of the token | public |
| 5. | Owner() | - | Current contract Owner | public |
| 6. | symbol() | - | Returns the symbol by which the token contract should be known, for example "ABND". It is usually 3 or 4 characters in length. | public |
| 7. | totalSupply() | - | Returns the number of total supplied tokens, including the total minted tokens (minus the total burned tokens). | public |

Table 1.2: **Key state changing functions contained in the contract**

| | Name | Params | Description | Access |
|---|---|---|---|---|
| 1. | approve(spender,amount) | spender: spender's address<br><br>amount: amount that the spender can address | Approve an address to spend on another's behalf | public |
| 2. | burn(amount) | amount: amount of tokens to be burned. | Allows a user to burn their token. | public |
| 3. | burnFrom(account,amount) | account: user's wallet address from which to burn token.<br><br>amount: amount of tokens to be burnt. | Burn tokens of the address that you have a spend allowance for | public |
| 4. | increaseAllowance(spender,addedValue) | spender: spender's address/<br><br>addedValue : amount to increase allowance by. | Increase spend allowance | public |
| 5. | decreaseAllowance(spender,subtractedValue) | spender: spender's address<br><br>subtractedValue: amount to decrease allowance by. | Decrease spend allowance | public |
| 6. | transferOwnership(newOwner) | newOwner; new owner's address | Transfer ownership of the contract to specified address. Only the owner can call this. | onlyOwner |
| 7. | renounceOwnership() | - | Reassigns ownership of the contract to null address. Only the owner can call this. | onlyOwner |
| 8. | transfer(address,amount) | address: recipient's address.<br><br>amount: amount of token's to transfer | To transfer tokens.<br>• When used by owner, transfers free tokens.<br>• When used by a listed source, transfers frozen tokens. | public |
| 9. | transferFrom(address,to,amount) | address: address from which to spend tokens from.<br><br>to: recipient's address.<br><br>amount: amount of tokens to be transferred. | transfer tokens from a source user has allowance for. | Public |
| 10. | Pause | - | For owner to pause token transactions | OnlyOwner |
| 11. | UnPause | - | For Owner to resume token transactions | OnlyOwner |