

LAMPIRAN

Lampiran 1 Surat Kesediaan Pembimbing I

SURAT KESEDIAAN MEMBIMBING SKRIPSI

Yang bertanda tangan di bawah ini :

Nama : Aang Alim Murtopo, M.Kom
NIDN : 0613017701
NIPY : 08.025.555
Jabatan Struktural : Ketua Program Studi S1 Teknik Informatika
Jabatan Fungsional : Lektor

Dengan ini menyatakan bersedia untuk menjadi pembimbing I pada Skripsi mahasiswa berikut :

No	Nama	NIM	Program Studi
1	Mochamad Sofyan	22205037	S1 Teknik Informatika

Judul Skripsi : ***“DEFI LENDING PROTOCOL UNTUK UMKM DENGAN ON-CHAIN CREDIT SCORING”***

Demikian pernyataan ini dibuat agar dapat dilaksanakan sebagaimana mestinya.

Tegal, 08 Juni 2026

Mengetahui,

Ka. Prodi S1 Teknik Informatika

Dosen Pembimbing I



Universitas
Harjo Negeri
S1 Teknik Informatika

Aang Alim Murtopo, M.Kom

NIPY. 08.025.555



Aang Alim Murtopo, M.Kom

NIPY. 08.025.555

Lampiran 2 Surat Kesediaan Pembimbing 2

SURAT KESEDIAAN MEMBIMBING SKRIPSI

Yang bertanda tangan di bawah ini :

Nama : Muhamad Bakhar, M.Kom
NIDN : 0622028602
NIPY : 04.014.179
Jabatan Struktural : Ketua Program Studi S1 Sains Data
Jabatan Fungsional : Lektor

Dengan ini menyatakan bersedia untuk menjadi pembimbing II pada Skripsi mahasiswa berikut :

No	Nama	NIM	Program Studi
1	Mochamad Sofyan	22205037	S1 Teknik Informatika

Judul Skripsi : ***“DEFI LENDING PROTOCOL UNTUK UMKM DENGAN ON-CHAIN CREDIT SCORING”***

Demikian pernyataan ini dibuat agar dapat dilaksanakan sebagaimana mestinya.

Tegal, 08 Juni 2026

Mengetahui,

Ka. Prodi S1 Teknik Informatika

Dosen Pembimbing II



Universitas
Harik Negeri
S1 Teknik Informatika

Aang Anim Murtopo, M.Kom

NIPY. 08.025.555



Muhamad Bakhar, M.Kom

NIPY. 04.014.179

Lampiran 3 *Deployment Smart Contract Pada BaseScan*

Base Sepolia Testnet

Search by Address / Txn Hash / Block / Token

BaseScan
A Base.org project

HomeBlockchainTokensNFTsAPIMore

Contract 0x00d624c8d2Eb7C0Bd4F48De3e9Ab13089B37DD3c

Source Code

</> API

Overview

ETH BALANCE
0 ETH

More Info

CONTRACT CREATOR
0xf1EbA85...4FdE1450 | 68 days ago

TOKEN TRACKER
ERC-20: Mock USD (mUSD)

Multichain Info

N/A

TransactionsToken Transfers (ERC-20)ContractEvents

Latest 25 from a total of 36 transactions

Download Page Data

Transaction Hash	Method	Block	Age	From	To	Amount	Txn Fee
0x636e62aae...	Approve	45014864	38 days ago	0xE2E650BD...d7a58C471	0x00d624c8...89B37DD3c	0 ETH	0.00000016
0x81a7b106e3...	Approve	45014857	38 days ago	0xE2E650BD...d7a58C471	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x6010e24d8e...	Faucet	45014843	38 days ago	0xE2E650BD...d7a58C471	0x00d624c8...89B37DD3c	0 ETH	0.00000031
0x72727f9859a...	Faucet	45002995	38 days ago	0xA0337E22...65f39D84c	0x00d624c8...89B37DD3c	0 ETH	0.00000002
0x81444046e3...	Approve	44096778	59 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000002
0x5f7000dbfba...	Approve	43732291	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000017
0x72bad1b803...	Approve	43732289	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000029
0x1259c943e0...	Approve	43732161	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x80047e9d6d...	Mint	43732161	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000022
0x32976ccec4a...	Approve	43732011	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000029
0xc255c149ef6...	Approve	43731991	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000017
0xb079b83d73...	Approve	43731989	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000029
0x488d9de623...	Approve	43731880	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000016
0x17d904a462...	Approve	43731877	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x9ee3e44e6b...	Approve	43731856	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000016
0x74815baade...	Approve	43731852	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x505bf6f0f54...	Approve	43731652	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000016
0x231bb67422...	Approve	43731648	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x4443349920...	Approve	43731492	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0xf48c4d6ed67...	Mint	43731492	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000022
0x7098fd5774...	Approve	43731361	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000029
0xde8bdd64a7...	Approve	43731330	68 days ago	0x09A727D8...bee2737c6	0x00d624c8...89B37DD3c	0 ETH	0.00000028
0x15347093c9...	Approve	43703380	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000016
0x74357a9ce8...	Approve	43703377	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000018
0x33dc21e8fe9...	Approve	43703347	68 days ago	0xf1EbA85...4FdE1450	0x00d624c8...89B37DD3c	0 ETH	0.00000017

VIEW ALL TRANSACTIONS →

Download CSV Export

A contract address hosts a smart contract, which is a set of code stored on the blockchain that runs when predetermined conditions are met. Learn more about addresses in our [Knowledge Base](#).

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Got it!

BaseScan © 2026 (BASE-Sepolia-A) |

onations: 0x71c765...d8976f

Base Sepolia Testnet

Search by Address / Txn Hash / Block / Token

BaseScan

HomeBlockchainTokensNFTsAPIMore

Contract0xE7Ee9c76177A770bD97B5BD6adb1F78E17Ffc544

Source Code

</> API

Overview

ETH BALANCE

0 ETH

More Info

CONTRACT CREATOR

0xfD1EbA85...4FdE1450 | 68 days ago

Multichain Info

N/A

Transactions

Token Transfers (ERC-20)

Contract

Events

Latest 10 from a total of 10 transactions

Download Page Data

Transaction Hash	Method	Block	Age	From	To	Amount	Txn Fee
0x7afe2475721...	Attest	45021730	38 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.00000182
0x7da30fb1482...	Attest	45015648	38 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.00000182
0x15e364f4700...	Attest	43733043	67 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.00000182
0x0e10c87e54...	Grant Role	43732161	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.000000031
0xb2504d3b6f5...	Grant Role	43731492	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.000000031
0x63008db88f6...	Attest	43731255	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.00000182
0x1b50befa890...	Attest	43701576	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.000000049
0x9d929e1113...	Attest	43701081	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.0000018
0x284a94b373...	Grant Role	43694085	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.000000031
0x18bb8c586ff...	Set Credit SBT	43694085	68 days ago	0xfD1EbA85...4FdE1450	0xE7Ee9c76...E17Ffc544	0 ETH	0.000000029

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Got it!

BaseScan © 2026 (BASE-Sepolia-A) | Transactions: 0x71c765...d8976f

89

Base Sepolia Testnet

Search by Address / Txn Hash / Block / Token

BaseScan

HomeBlockchainTokensNFTsAPIMore

Contract

0x7e3fA562e1b8B7edDf44B6a9E2FeDBec9Cd079bB

Overview

ETH BALANCE

0 ETH

TOKEN HOLDINGS

\$0.00 (1 Tokens)

More Info

CONTRACT CREATOR

0xfd1EbA85...4FdFE1450 | 68 days ago

Multichain Info

N/A

Transactions

Token Transfers (ERC-20)

Contract

Events

Latest 8 from a total of 8 transactions

Download Page Data

Transaction Hash	Method	Block	Age	From	To	Amount	Txn Fee
0xcfdbb369ae1...	Withdraw	45014922	38 days ago	0xE2E650BD...d7a58C471	0x7e3fA562...c9Cd079bB	0 ETH	0.00000036
0x1fcb6c1b2f...	Supply	45014874	38 days ago	0xE2E650BD...d7a58C471	0x7e3fA562...c9Cd079bB	0 ETH	0.00000045
0xc83425e094...	Borrow	44096925	59 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000008
0x2b6f806cf1b...	Repay	44096782	59 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000072
0xb53fea7a459...	Borrow	44050986	60 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000008
0x11e0bf80d3b...	Repay	43732293	68 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000086
0x0eca28c322...	Borrow	43732279	68 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000124
0x60a2b4c60e...	Supply	43732161	68 days ago	0xfd1EbA85...4FdFE1450	0x7e3fA562...c9Cd079bB	0 ETH	0.00000076

Download CSV Export

A contract address hosts a smart contract, which is a set of code stored on the blockchain that runs when predetermined conditions are met. Learn more about addresses in our Knowledge Base.

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Got it!

Transactions: 0x71c765...d8976f

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90

Lampiran 4 Hasil Cek Turnitin

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SURAT PENCATATAN CIPTAAN	
Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:	
Nomor dan tanggal permohonan	: EC002026128410, 29 Juli 2026
Pencipta	
Nama	: Mochamad Sofyan
Alamat	: Desa Jatinegara Rt 2 Rw 1, Jatinegara, Kab. Tegal, Jawa Tengah, 52473
Kewarganegaraan	: Indonesia
Pemegang Hak Cipta	
Nama	: Mochamad Sofyan
Alamat	: Desa Jatinegara Rt 2 Rw 1, Jatinegara, Kab. Tegal, Jawa Tengah, 52473
Kewarganegaraan	: Indonesia
Jenis Ciptaan	: Program Komputer
Judul Ciptaan	: DeFi Lending Protocol untuk UMKM dengan On-Chain Credit Scoring
Tanggal dan tempat diumumkan untuk pertama kali di wilayah Indonesia atau di luar wilayah Indonesia	: 29 Juli 2026, di Kab. Tegal
Jangka waktu perlindungan	: Berlaku selama 50 (lima puluh) tahun sejak Ciptaan tersebut pertama kali dilakukan Pengumuman.
Nomor Pencatatan	: 001384996
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	a.n. MENTERI HUKUM DIREKTUR JENDERAL KEKAYAAN INTELEKTUAL u b Direktur Hak Cipta dan Desain Industri  Agung Damarsasongko,SH,MH. NIP. 196912261994031001
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