BOOBANKER PROJECT ANALYSIS

Smart Contract

Date of audit: 05.11.2020

Audit:
‣ No audit was conducted

Ownership of Token Smart contract:
‣ Token Contract <= MrBanker <= Timelock
‣ Minimal timelock is set to 2 days

Total supply:
‣ Total supply is a variable
‣ The tokens get generated when a new block is created in Ethereum.
‣ The logic is as follows:
  ‣ Week 1: 0.5000 BOOB tokens are created per block; 4.5% get burnt
  ‣ Week 2: 0.2500 BOOB tokens are created per block; 4.0% get burnt
  ‣ Week 3: 0.1250 BOOB tokens are created per block; 3.5% get burnt
  ‣ Week 4: 0.0625 BOOB tokens are created per block; 3.5% get burnt
  ‣ After week 4 the emissions are automatically adjusted to stay around 50k tokens meaning that roughly 3.5% are burnt.
‣ Pre-mine
‣ There was no pre-mine

Minting function:
‣ MrBanker or EOA (via Timelock) can call the minting function
‣ No minting function time restriction
‣ No opportunity to add new minters
‣ The infinity minting is possible
‣ There is no Hard Cap

Migration function:
‣ It isn't implemented

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KPI:
‣ Rebase No

Team reward %:
‣ The team receives 1% of transferred tokens
‣ The team gets 1% of reward tokens generated by pools
‣ The tokens go to the EOA address without any timelocks at their withdrawal
‣ The chance of a token dump by the team is 3/10.

Funds lock period:
‣ No

Possibility to pause the Smart Contract:
‣ setPauseBlock function provides the opportunity to pause the transactions prior to a specific block in Ethereum

List of suspicious functions:
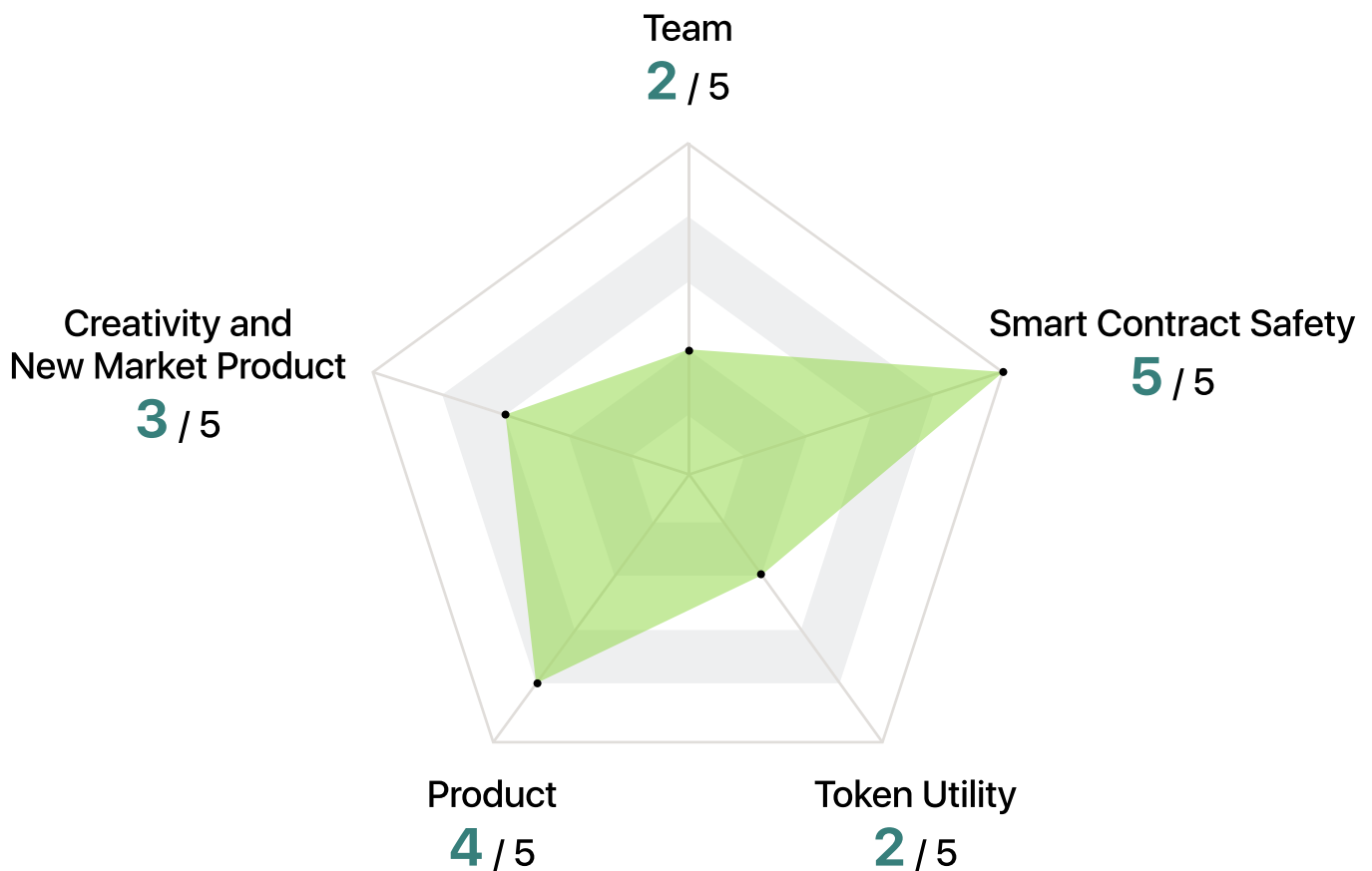‣ Nothing to emphasize

WebUI

‣ No suspicious calls / events / actions

Scam probability   Low

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Team
2 / 5

Smart Contract Safety
5 / 5

Creativity and
New Market Product
3 / 5

Product
4 / 5

Token Utility
2 / 5

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Conclusion - To recap, the BooBanker project seems to be a good one. I didn't discover any backdoors or bugs in the project sources.

There was neither presale nor premine to ensure the validity of the project.
During the first 4 weeks, a particular quantity of tokens is generated to reach the mark of 50,000 tokens. Even though infinity minting is possible, however, after week 4 the automatic mechanism manages the emissions to stay around 50,000 tokens in sum. In short, it creates the burn of the tokens to keep the balance.

Essentially, the total supply is a variable as long as, technically, no hard cap specified.
The team reward distribution is clear and beyond doubt - the team receives 1% of transferred tokens and 1% of reward tokens provided by pools.

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Note: the function called setPauseBlock provides the opportunity to pause the transactions prior to a specific block in Ethereum. It can be called only via the Timelock contract.

The project seems to be a promising game to play. In the aggregate, the scam probability is measured as Low.