1st October 2022

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FYP-22-S3-11 Identifying cryptographic functions in Blockchain systems

Overview

Implemented user file upload in .ZIP format, and python script to detect dominant crpytographic function. Web frontend changes.

Work completed

Web form file upload
Web Frontend changes
Python script detection

List of Completed Work Items/Activities:

Sno	Work Item	When completed	Comment
1	Web form fle upload	1st October 2022	
2	Python script detection	1st October 2022	
3	Web Frontend changes	1st October 2022	

Current Work

List of Current Work Items/Activities:

Sno	Work Item	% Completed	Expected Completion Date
1	Python script detection (Enhancement)	50%	14th October 2022
2	Execution time for each cryptographic function	50%	14th October2022
3	Adding Ripple to web system	40%	14th October 2022
4	Information gathering for libraries API	20%	14th October 2022

Future Work

Use the pythonscript to determine the crpytographic hash performance execution runtime, using the script to find packages for the most dominant function.

Problems Encountered

Finding accurate and reliable packages in the Python language. getting information about libraries API, meta-info regarding the function algorithm and creating static data set

Overall Assessment

Currently still working the web application to solve the core functionality of the project

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