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CROSS BORDER TRANSACTION USING BLOCKCHAIN AND PREVENTION OF SQL INJECTION TECHNIQUES

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Abstract

Cross border payments square measure complicated in nature as a general rule as there square measure completely different parties, completely different currencies, completely different laws, completely different technologies and plenty of sub group actions concerned to finish a cross border transaction. There exists numerous formal, semi-formal and informal channels for cross border payments and diverse technologies are custom-made to facilitate these transactions. Once globalisation and because of continuous technological advancements, these transactions are getting a lot of and a lot of vital. Therefore, there's associate increasing interest to know the technological innovation facilitating international payments because it is revolutionizing and reshaping the money service suppliers facilities and business. And also, during this project, we tend to discuss the regarding the challenges and edges of blockchain technology.

Keywords: *Blockchain, SQL injection, Banking, Transaction, Security.*

INTRODUCTION

In our existing system, we tend to already use SQL injection for secure login. But there was insecurity in human activity technique. To repair these issues, we tend to use block chain technology for safe and secure human activity. The muse rationalization for SQL injection is the main method for scarce input checking. So that the easy resolution for removing these difficulties is to use applicable defensive secret writing practices. From that, we tend to summarize form of the sole practices planned among the literature for preventing SQL injection difficulties.

PROJECT DESCRIPTION

Modules

1. Inject Data Process
2. Opposed Injects Method
3. Banking Process
    - Create Account
    - View Account
    - Cash Withdraw
    - Cash Deposit
    - Transactions
4. Detect Hacker Details
5. Virtual Keyboard
6. Positive pattern matching
7. Input type checking

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1) Inject Data Process

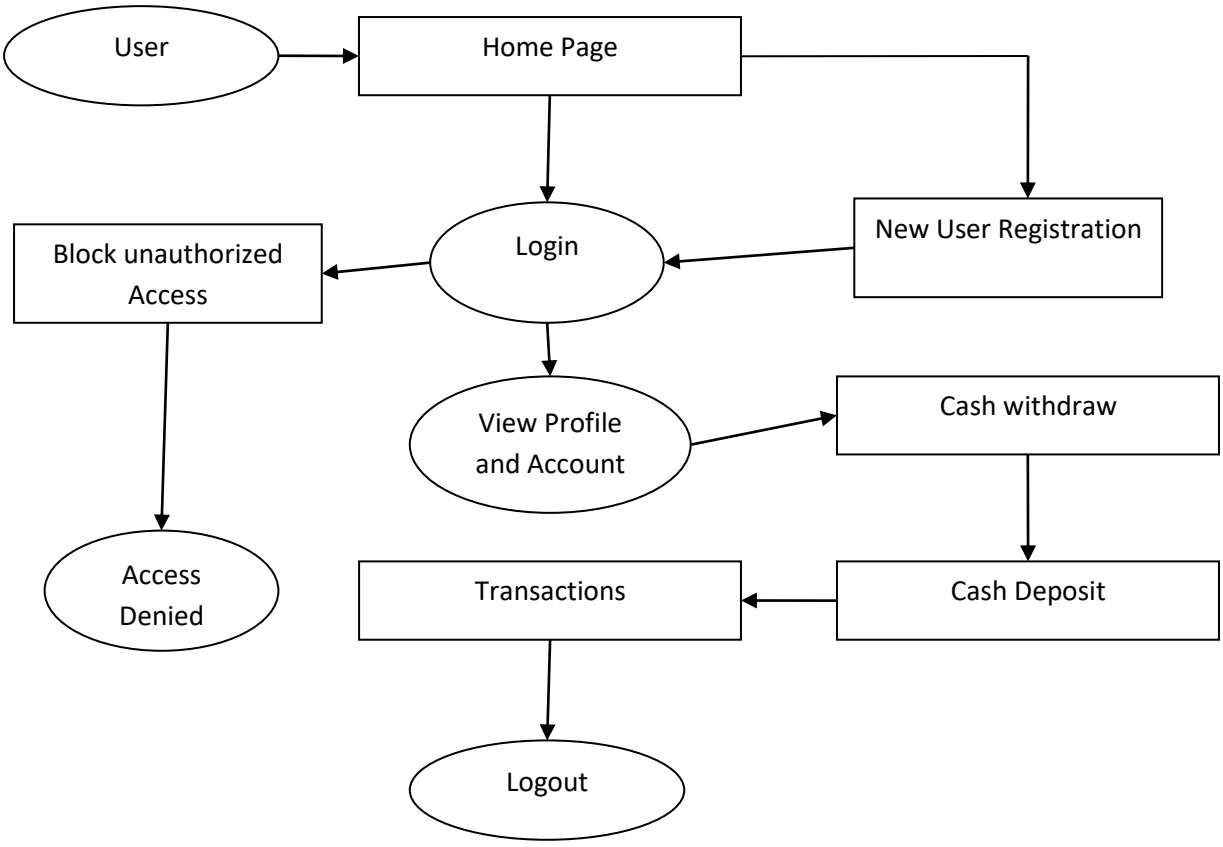
In the Inject Data process hackers can easily access through using hard coded string. Hackers can be using SQL embedded code.

2) Opposed Injects method

In opposed injects method hacker cannot access online page as a result of it's totally protected method. This method increased safety and dependence on filtering rules needs unsafe assumptions. Syntax-aware analysis technique will be wont to perform right before the question is shipped to the info.

3) Banking Process

This Module contains four sub modules. That is Create Account, View Account, Cash Withdraw, Cash Deposit and Transactions.



Money Withdraw

A provision enabling a halficipant to withdraw part. To require cash out of Associate in Nursing account. To retract, like Associate in Nursing providing. A removal of funds from Associate in Nursing account.

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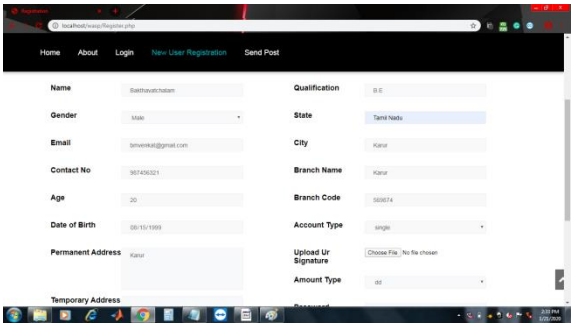
Money Deposit

Cash given earlier to indicate intention to complete the acquisition of a property. Cash transferred into a customer's account at a monetary. Deposit into saving accounts or current accounts.

4) Detect Hacker details

This technique have essential feature of discover the hackers details. This technique mechanically determine the information IP, science, scientific discipline address United Nations agency area unit all unnecessarily exploitation the administrator process .



This system conjointly realize the hackers activity mechanically responsive to the administrator.

5) Virtual Key Board

It defeats key loggers by transferring the characters you chose along with your mouse mistreatment drag and drop technique. All you would like to try this run Safe keys, choose the characters mistreatment your mouse, double click on the asterisks, then drag and drop into the watchword box on your browser.

6) Positive pattern matching

Engineers should set up input approval schedules that set up keen contribution as antagonistic undesirable info. Because of engineers won't be prepared to imagine each kind of assault that would be propelled against their application, anyway should be prepared to indicate every one of the sorts of legitimate info, positive approval could be a more secure gratitude to check inputs.

7) Input checking

The point of the testing is regularly quality confirmation, check and approval, or obligation estimation. Testing is frequently utilized as a nonexclusive metric also. Accuracy testing and obligation testing are 2 significant zones of testing. Bundle testing could be an exchange off between spending plan, time and quality.

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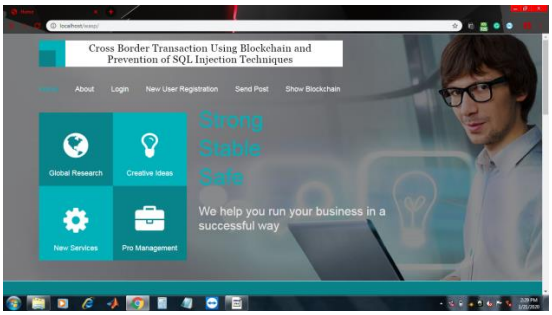
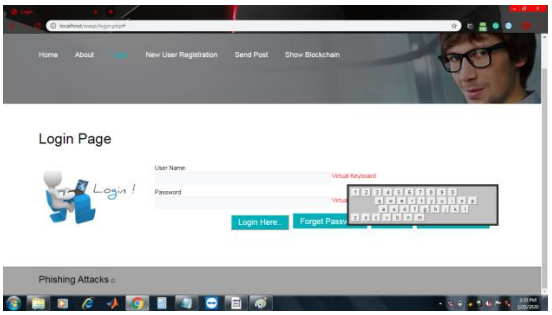
OUTPUT RESULTS:

INDEX PAGE

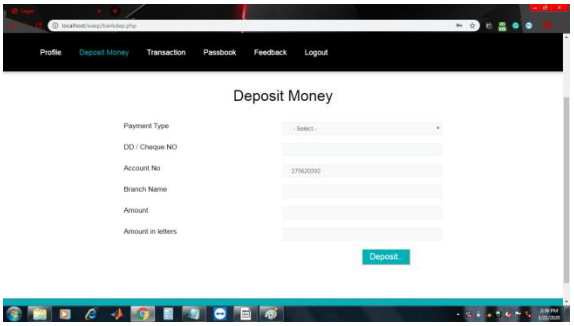


NEW USER REGISTERATION

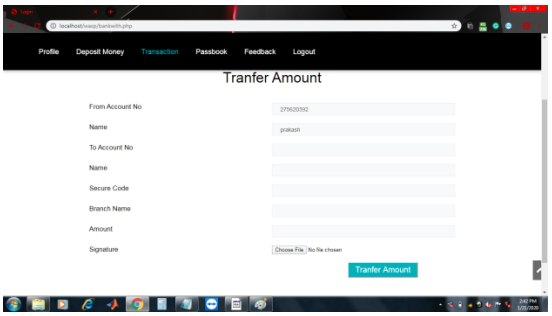
VIRTUAL KEYBOARD



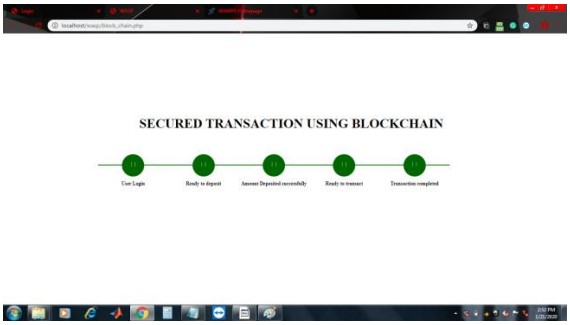
DEPOSITION PAGE



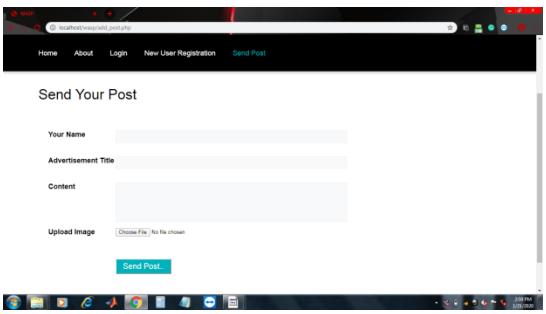
TRANSACTION



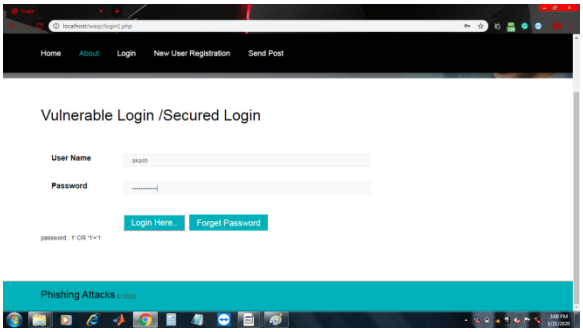
BLOCKCHAIN FLOW



FEEDBACK SESSION



SQL INJECTON PREVENTION



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CONCLUSION

This project planned a very distinctive and secured banking dealings victimization SQL injection and Block chain technology.

The approach consists of

- Identifying fair information sources and stamping information coming back from these sources as decent,
- Using dynamic corrupting to follow decent information at runtime, and
- Allowing solely decent information to shape the semantically pertinent pieces of inquiries like SQL watchwords and administrators.

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