

# VIDEO VERIFICATION INTEGRITY USING BLOCKCHAIN CONCEPTS

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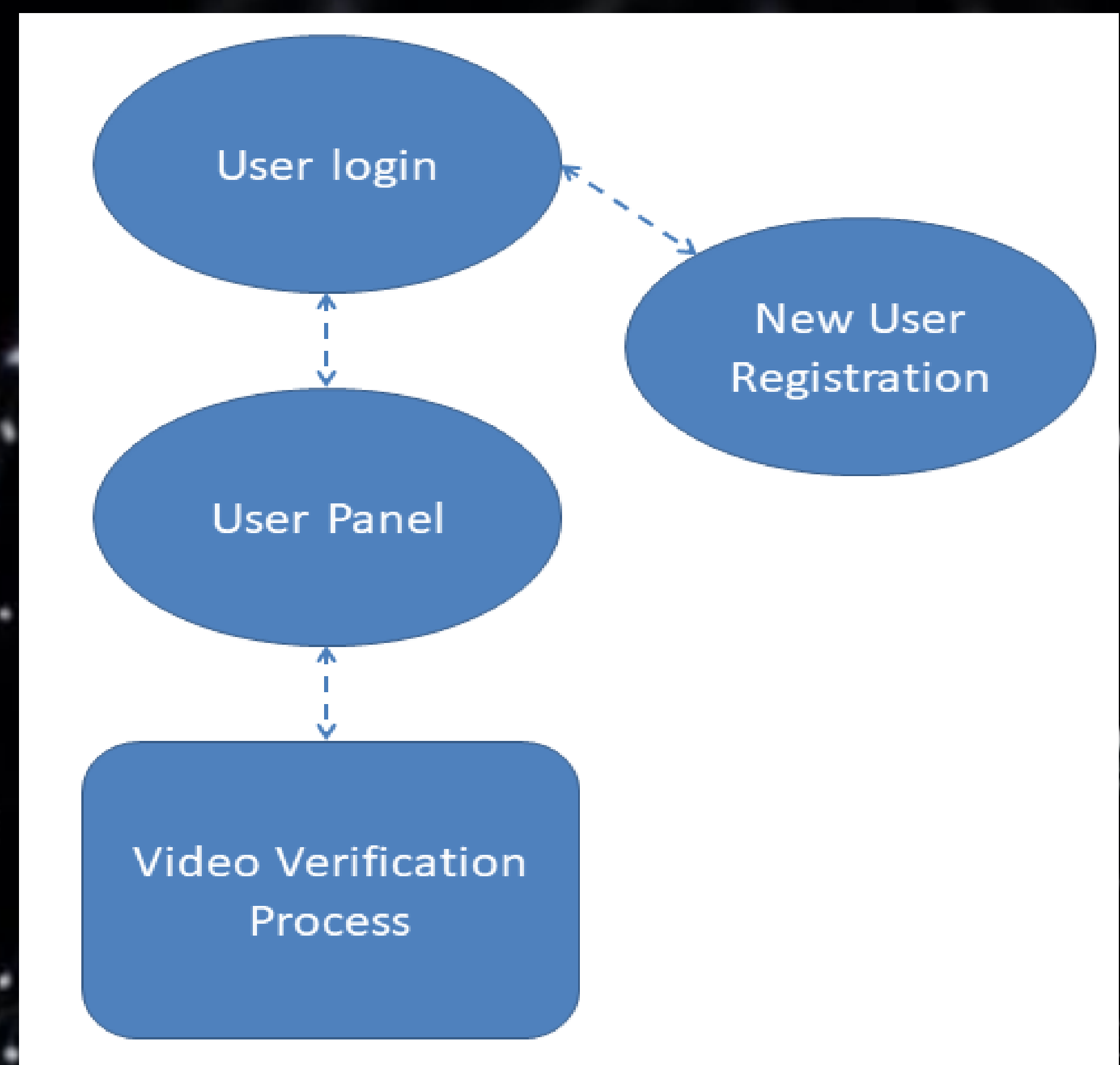
## INTRODUCTION

Video Verification Integrity using Blockchain is an application implemented to verify the integrity of a video. An efficiently centralised video data blockchain model is used for the Video Integrity Verification (VIV) method that exploits blockchain principles by combining the Hash-Based Message Authentication Code (HMAC), the Secure Hash Algorithm (SHA) and an Edwards-Curve Digital Signature Algorithm (EdDSA).

## BLOCKCHAIN



Blockchain is technology of recording information in a manner that makes it difficult or impossible to alter, hack, or cheat the system. A blockchain is basically a public database of transactions that is duplicated and replicated through the vast network of computing systems on the blockchain.



System Working Diagram

## CONCLUSION



The ultimate outcome from this project work is a system has identification capability and robustness against different forms of manipulation such as copy-move, insert and erase. An experiment based on execution time along with an improvement in block count within the blockchain indicates a low overhead in the approach proposed.

## OUTPUT

