

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_123574
Title of the Manuscript:	Implementation of Shamir Adleman's Rivest Algorithm in Securing User Login OTP in the Film Bank Application
Type of the Article	

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The article's significance lies in its demonstration of how the RSA algorithm can effectively secure user login data using OTP codes. This is particularly important in the context of online applications, where data security is paramount. The research also highlights the vulnerability of SMS-based OTP systems to attacks and proposes a QR code-based solution. The study's findings suggest that the system is capable of creating data security that is difficult to crack by unauthorized individuals. Based on the average percentage obtained from the avalanche effect testing, it can be said that the system is capable of creating data security that is difficult to crack by unauthorized individuals.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes the purpose of the avalanche effect testing is to assess how well the encryption system convert small changes in input large and random changes in the resulting output.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Yes it helps to study and creative family friendly system that can provide viewing based on access rights given, ensuring the data is correctly provided by the sender to the right person.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes it was properly ordered.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The implementation of the RSA algorithm in this study can effectively secure data, as evidenced by the results of the avalanche effect testing, which yielded an average percentage of 51.9%. The system is able to secure the access code using the RSA algorithm and the avalanche effect test results show an average percentage of 51.9%, indicating that the system is good at securing messages. After the system encrypts the OTP code, the system can change the form of the encryption results into a QR code that is ready to be sent to the recipient via e-mail . The system can carry out the decryption process well as evidenced by the success of the system re- decrypting the ciphertext sent via e-mail and getting the same results as the OTP code sent by the user for the first time The quality of the system in carrying out encryption can be said to be of good quality which is the result of the avalanche effect test carried out on the OTP code obtained .</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes the article is suitable for communications.	
Optional/General comments	The Film Bank application uses the RSA algorithm to secure user login data in the form of an OTP code, which is encrypted and decrypted using a public and private key pair, and sent via email as a QR code.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	S.Vasundhara
Department, University & Country	India