

**ARMY GROUP INSURANCE FUND**  
**APPLICATION FORM :PERSONAL COMPUTER LOAN**

1. Type of Loan	PCA	2. Army Number	JC1500K
3.Old Army No	OR1500K	4.Rank	Sub
5. Name	Bablu Singh	6. Date of Birth	01-01-1980
7. DOE/DOC	01-01-1998	8.Date of Retirement	01-01-2028
9. Mobile No	3131313131	10. Email ID	fasd
11. Regt/Corps	11GR	12. PCDA(O)/PAO(OR)	test37
13.PCDA(O) Acct No	00/000/00000A	14. Pan Card	FADFA2233A
15. Aadhaar Card No	3131-3165-4642	16. Parent Unit	Army Software Developer Center
17. Present Unit	Army Software Developer Center	18.Unit Pin	321333
19. Unit Address	c/o 56 APO	20. Civil Postal Address	
21. Fmn HQ	555 Bde	22. Date of Prom	
23. Permt Home Address	Kashmir, Khurja, Uti, UP, 323131		
24. Dealer Name	fsdf	25. Model Name	sdf
26. Est Cost:	300000.00	27. Loan Amt Reqd:	200000.00
28. Loan Frequency	2	29.Salary Acct No	5555555555555555
30. Bank IFSC Code	FADS55555555		

31. I state and certify that:

- (a) I have read the rules regulating the grant of loan to AGIF members for purchase of personal computer and agree to abide by the terms and conditions stipulated therein from time to time.
- (b) I will maintain adequate credit in my IRLA during the duration of repayment of complete loan instalments. In case of any debit balance resulting in non-remittance of EMI (instalment) by the CDA (O) / PAO(OR) to AGIF, I undertake to pay it directly alongwith interest for period of default. I shall refund in one lump sum the full loan together with interest outstanding thereon, in case, I wish to sell the computer prior to liquidation of Loan.
- (c) Loan Amount being taken as PCA loan will be used for purchasing of Computers / Laptops only. The said amount will not be used for any other purposes. I will repay the loan amount with interest by monthly deductions from my salary and I hereby authorise the AGIF to make such deductions.
- (d) In the event of my becoming non-effective / retirement / dismissal / premature retirement and death preceding retirement, the AGIF shall be entitled to recover through the PAO (OR) / CDA(O) and / or receive the balance of the loan with interest remaining unpaid and any other dues from the whole or any specified part of the gratuity that may be sanctioned to me, Insurance / Disability / Maturity / survival benefit of AGIF, death benefits, DSOP Fund, DCRG, Commuted value of pension, leave encashment, Service pension, payable to the Applicant, without any demur from any quarter.

I will pay the sum of loan amount or the balance remaining unpaid at the date of retirement / dismissal / premature retirement from service by equal payments on the first day of every month and will pay interest

on the sum remaining due as calculated according to the rules. I authorise the PAO (OR) / CDA (O) to deduct the amount as conveyed by AGIF from my salary.

32. I, solemnly declare that the details/information furnished by me and averments/certifications made herein are true to the best of my knowledge and belief and have not willfully suppressed any material information.

Verified by - abc IP Address – ::1 Date Time – 28-07-2025 05:38 pm

JC1500K

Sub Bablu Singh

This is an electronically generated PDF

**RECOMMENDATIONS AND COUNTERSIGNATURE**

1. I certify that above **PCA** Application has been submitted by **JC1500K Sub Bablu Singh** of my Unit **Army Software Developer Center**. I identify his signature on supporting documents as attested by him and certify them to be correct.
2. It's certified that I am the CO/OC Tps of **JC1500K Sub Bablu Singh**. and I am authorised to countersign financial documents of this individual.
3. I have interviewed him and verified his financial condition and established need for taking this loan. Applicant will be using loan amount for intended purpose only.
4. It is certified that Bank A/c No**5555555555555555** of Bank **SBI**with IFSC**FADS555555** as given in the application and cancelled cheque is of Salary account of. **JC1500K Sub Bablu Singh**
5. I have satisfied myself of the correctness of personal details given in application. I have perused the supporting documents and checked their correctness. Supporting documents uploaded are readable and latest.

Application is recommended for sanction and accordingly I countersign the same.



Digital Signature of CO

JC1500K

Sub

Mobile No: 3131313131

Digital Sign On: 28-07-2025 17:37

Name :- Tez Pratap  
 Project Name :- DGIS APP

### TASK SCHEDULE

Ser No	Aim	Participants	Points discussed/Work Implemented	Way forward		
				Action	Responsibility	Due date
1	Building Module Of DGIS	Mr. Jassjeet Sir - Tez Pratap		Done	Tez Pratap	26/06/2025
2	Edit Host File on ADN	Mr. Jassjeet Sir - Tez Pratap		Hold	Tez Pratap	27/06/2025
3	Generation Of Installer Log	Mr. Jassjeet Sir - Tez Pratap	<ul style="list-style-type: none"> <li>1) Introduced the `.LogErrorToFile` method to log exceptions and error messages in `CertificateInstallerAction.cs`.</li> <li>2) Updated existing exception handling blocks to utilize this method, ensuring consistent error logging across certificate installation, hosts file modification, and certificate removal operations.</li> <li>3) The logging captures system details such as IP address, OS version, machine name, and user name, along with exception messages and stack traces.</li> </ul>	Done	Tez Pratap	01/07/2025
4	Resolve Vulnerability	—	<ul style="list-style-type: none"> <li>1) <a href="#">App.xaml.cs</a>  <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Implemented `IsConnectedToInternet()` method in `About.xaml.cs` to verify internet connection status.</li> <li>- Enhanced error handling in the version retrieval method by logging exceptions to a file instead of returning an empty string.</li> </ul> </li> <li>3) <a href="#">DigitalSign.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Removed unused variables and added new ones for better state management.</li> <li>- Enhanced method signatures and introduced asynchronous patterns for connectivity checks and file handling.</li> </ul> </li> </ul>	Working	Tez Pratap	02/07/2025

			<ul style="list-style-type: none"> <li>- Improved code readability with better formatting and restructuring of conditionals.</li> <li>- Added error handling and logging to increase application robustness.</li> <li>- Streamlined document signing logic and updated UI control states accordingly.</li> <li>- Cleaned up commented-out code to maintain a tidy codebase.</li> <li>- Updated methods to use `await` for asynchronous calls, ensuring UI responsiveness during long operations.</li> <li>- Changed return types of `OpenCustomCoordinateSelecter` and `OpenBrowserForCoordinate` to `Task`.</li> <li>- Updated `WdSaveFormat` references to fully qualified names and removed unnecessary using directives for clarity and maintainability.</li> <li>- Enhanced overall code structure for better readability.</li> </ul>			
5	Fix Issue Of IP Address printing in watermarking module	Mr. Kapoor Sir- Tez Pratap	Fix Issue Of IP Address printing in watermarking module DONE on ADN Server	Done	Tez Pratap	04/07/2025
6	Resolve Vulnerability	—	<p>Resolve Vulnerability</p> <p>1) Home.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor CheckUrlStatusAsync for better error handling</li> </ul> <p>2) MainWindow.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging in MainWindow.xaml.cs</li> </ul> <p>3) SymmetricEncrypt.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging for XML file save exceptions</li> </ul> <p>4) SymmetricDecryption.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor password validation and file handling logic</li> <li>- Simplified password validation to only check length.</li> <li>- Improved readability with consistent formatting.</li> <li>- Streamlined file handling by removing redundant code.</li> <li>- Enhanced error handling for better user feedback.</li> <li>- Adjusted UI prompts for password input based on options.</li> <li>- Modified threading model for correct UI updates during file processing.</li> <li>- Overall improvements for code clarity, maintainability, and user experience.</li> </ul> <p>3) WaterMarking.xaml.cs</p>	Done	Tez Pratap	08/07/2025

			- Improve error handling in GetLocalIPAddress method			
7	Resolve Vulnerability		<p>Resolve Vulnerability</p> <p>1) Helpers.cs</p> <ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `ResponseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
8	Resolve Vulnerability		Resolve Vulnerability 1) Helpers.cs	Done	Tez Pratap	09/07/2025

			<ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `responseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
9	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir -DID Creation with mapping -User Profile -Claim Handling -Policy Based Authorization	Done	Tez Pratap	10/07/2025

10	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	11/07/2025
11	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	Debug the code of DID Creaction And poit dissussed with Yogendra Sir 1.Temprary Session 2. Authorization Policy	Done	Tez Pratap	15/07/2025
12	KT OF E-ISAC	—	Code review and debugging for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	16/07/2025
13	AGIF3.0	Mr. Kapoor Sir - Tez Pratap	Digital Sign on Merge PDF thru DGIS API	Underprogress	Tez Pratap	17/07/2025

Name :- Tez Pratap  
 Project Name :- DGIS APP

### TASK SCHEDULE

Ser No	Aim	Participants	Points discussed/Work Implemented	Way forward		
				Action	Responsibility	Due date
1	Building Module Of DGIS	Mr. Jassjeet Sir - Tez Pratap		Done	Tez Pratap	26/06/2025
2	Edit Host File on ADN	Mr. Jassjeet Sir - Tez Pratap		Hold	Tez Pratap	27/06/2025
3	Generation Of Installer Log	Mr. Jassjeet Sir - Tez Pratap	<ul style="list-style-type: none"> <li>1) Introduced the `.LogErrorToFile` method to log exceptions and error messages in `CertificateInstallerAction.cs`.</li> <li>2) Updated existing exception handling blocks to utilize this method, ensuring consistent error logging across certificate installation, hosts file modification, and certificate removal operations.</li> <li>3) The logging captures system details such as IP address, OS version, machine name, and user name, along with exception messages and stack traces.</li> </ul>	Done	Tez Pratap	01/07/2025
4	Resolve Vulnerability	—	<ul style="list-style-type: none"> <li>1) <a href="#">App.xaml.cs</a>  <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Implemented `IsConnectedToInternet()` method in `About.xaml.cs` to verify internet connection status.</li> <li>- Enhanced error handling in the version retrieval method by logging exceptions to a file instead of returning an empty string.</li> </ul> </li> <li>3) <a href="#">DigitalSign.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Removed unused variables and added new ones for better state management.</li> <li>- Enhanced method signatures and introduced asynchronous patterns for connectivity checks and file handling.</li> </ul> </li> </ul>	Working	Tez Pratap	02/07/2025

			<ul style="list-style-type: none"> <li>- Improved code readability with better formatting and restructuring of conditionals.</li> <li>- Added error handling and logging to increase application robustness.</li> <li>- Streamlined document signing logic and updated UI control states accordingly.</li> <li>- Cleaned up commented-out code to maintain a tidy codebase.</li> <li>- Updated methods to use `await` for asynchronous calls, ensuring UI responsiveness during long operations.</li> <li>- Changed return types of `OpenCustomCoordinateSelecter` and `OpenBrowserForCoordinate` to `Task`.</li> <li>- Updated `WdSaveFormat` references to fully qualified names and removed unnecessary using directives for clarity and maintainability.</li> <li>- Enhanced overall code structure for better readability.</li> </ul>			
5	Fix Issue Of IP Address printing in watermarking module	Mr. Kapoor Sir- Tez Pratap	Fix Issue Of IP Address printing in watermarking module DONE on ADN Server	Done	Tez Pratap	04/07/2025
6	Resolve Vulnerability	—	<p>Resolve Vulnerability</p> <p>1) Home.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor CheckUrlStatusAsync for better error handling</li> </ul> <p>2) MainWindow.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging in MainWindow.xaml.cs</li> </ul> <p>3) SymmetricEncrypt.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging for XML file save exceptions</li> </ul> <p>4) SymmetricDecryption.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor password validation and file handling logic</li> <li>- Simplified password validation to only check length.</li> <li>- Improved readability with consistent formatting.</li> <li>- Streamlined file handling by removing redundant code.</li> <li>- Enhanced error handling for better user feedback.</li> <li>- Adjusted UI prompts for password input based on options.</li> <li>- Modified threading model for correct UI updates during file processing.</li> <li>- Overall improvements for code clarity, maintainability, and user experience.</li> </ul> <p>3) WaterMarking.xaml.cs</p>	Done	Tez Pratap	08/07/2025

			- Improve error handling in GetLocalIPAddress method			
7	Resolve Vulnerability		<p>Resolve Vulnerability</p> <p>1) Helpers.cs</p> <ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `ResponseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
8	Resolve Vulnerability		Resolve Vulnerability 1) Helpers.cs	Done	Tez Pratap	09/07/2025

			<ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `responseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
9	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir -DID Creation with mapping -User Profile -Claim Handling -Policy Based Authorization	Done	Tez Pratap	10/07/2025

10	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	11/07/2025
11	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	Debug the code of DID Creaction And poit dissussed with Yogendra Sir 1.Temprary Session 2. Authorization Policy	Done	Tez Pratap	15/07/2025
12	KT OF E-ISAC	—	Code review and debugging for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	16/07/2025
13	AGIF3.0	Mr. Kapoor Sir - Tez Pratap	Digital Sign on Merge PDF thru DGIS API	Underprogress	Tez Pratap	17/07/2025

Name :- Tez Pratap  
 Project Name :- DGIS APP

### TASK SCHEDULE

Ser No	Aim	Participants	Points discussed/Work Implemented	Way forward		
				Action	Responsibility	Due date
1	Building Module Of DGIS	Mr. Jassjeet Sir - Tez Pratap		Done	Tez Pratap	26/06/2025
2	Edit Host File on ADN	Mr. Jassjeet Sir - Tez Pratap		Hold	Tez Pratap	27/06/2025
3	Generation Of Installer Log	Mr. Jassjeet Sir - Tez Pratap	<ul style="list-style-type: none"> <li>1) Introduced the `.LogErrorToFile` method to log exceptions and error messages in `CertificateInstallerAction.cs`.</li> <li>2) Updated existing exception handling blocks to utilize this method, ensuring consistent error logging across certificate installation, hosts file modification, and certificate removal operations.</li> <li>3) The logging captures system details such as IP address, OS version, machine name, and user name, along with exception messages and stack traces.</li> </ul>	Done	Tez Pratap	01/07/2025
4	Resolve Vulnerability	—	<ul style="list-style-type: none"> <li>1) <a href="#">App.xaml.cs</a>  <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Implemented `IsConnectedToInternet()` method in `About.xaml.cs` to verify internet connection status.</li> <li>- Enhanced error handling in the version retrieval method by logging exceptions to a file instead of returning an empty string.</li> </ul> </li> <li>3) <a href="#">DigitalSign.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Removed unused variables and added new ones for better state management.</li> <li>- Enhanced method signatures and introduced asynchronous patterns for connectivity checks and file handling.</li> </ul> </li> </ul>	Working	Tez Pratap	02/07/2025

			<ul style="list-style-type: none"> <li>- Improved code readability with better formatting and restructuring of conditionals.</li> <li>- Added error handling and logging to increase application robustness.</li> <li>- Streamlined document signing logic and updated UI control states accordingly.</li> <li>- Cleaned up commented-out code to maintain a tidy codebase.</li> <li>- Updated methods to use `await` for asynchronous calls, ensuring UI responsiveness during long operations.</li> <li>- Changed return types of `OpenCustomCoordinateSelecter` and `OpenBrowserForCoordinate` to `Task`.</li> <li>- Updated `WdSaveFormat` references to fully qualified names and removed unnecessary using directives for clarity and maintainability.</li> <li>- Enhanced overall code structure for better readability.</li> </ul>			
5	Fix Issue Of IP Address printing in watermarking module	Mr. Kapoor Sir- Tez Pratap	Fix Issue Of IP Address printing in watermarking module DONE on ADN Server	Done	Tez Pratap	04/07/2025
6	Resolve Vulnerability	—	<p>Resolve Vulnerability</p> <p>1) Home.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor CheckUrlStatusAsync for better error handling</li> </ul> <p>2) MainWindow.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging in MainWindow.xaml.cs</li> </ul> <p>3) SymmetricEncrypt.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging for XML file save exceptions</li> </ul> <p>4) SymmetricDecryption.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor password validation and file handling logic</li> <li>- Simplified password validation to only check length.</li> <li>- Improved readability with consistent formatting.</li> <li>- Streamlined file handling by removing redundant code.</li> <li>- Enhanced error handling for better user feedback.</li> <li>- Adjusted UI prompts for password input based on options.</li> <li>- Modified threading model for correct UI updates during file processing.</li> <li>- Overall improvements for code clarity, maintainability, and user experience.</li> </ul> <p>3) WaterMarking.xaml.cs</p>	Done	Tez Pratap	08/07/2025

			- Improve error handling in GetLocalIPAddress method			
7	Resolve Vulnerability		<p>Resolve Vulnerability</p> <p>1) Helpers.cs</p> <ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `ResponseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
8	Resolve Vulnerability		Resolve Vulnerability 1) Helpers.cs	Done	Tez Pratap	09/07/2025

			<ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `responseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
9	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir -DID Creation with mapping -User Profile -Claim Handling -Policy Based Authorization	Done	Tez Pratap	10/07/2025

10	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	11/07/2025
11	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	Debug the code of DID Creaction And poit dissussed with Yogendra Sir 1.Temprary Session 2. Authorization Policy	Done	Tez Pratap	15/07/2025
12	KT OF E-ISAC	—	Code review and debugging for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	16/07/2025
13	AGIF3.0	Mr. Kapoor Sir - Tez Pratap	Digital Sign on Merge PDF thru DGIS API	Underprogress	Tez Pratap	17/07/2025

Name :- Tez Pratap  
 Project Name :- DGIS APP

### TASK SCHEDULE

Ser No	Aim	Participants	Points discussed/Work Implemented	Way forward		
				Action	Responsibility	Due date
1	Building Module Of DGIS	Mr. Jassjeet Sir - Tez Pratap		Done	Tez Pratap	26/06/2025
2	Edit Host File on ADN	Mr. Jassjeet Sir - Tez Pratap		Hold	Tez Pratap	27/06/2025
3	Generation Of Installer Log	Mr. Jassjeet Sir - Tez Pratap	<ul style="list-style-type: none"> <li>1) Introduced the `.LogErrorToFile` method to log exceptions and error messages in `CertificateInstallerAction.cs`.</li> <li>2) Updated existing exception handling blocks to utilize this method, ensuring consistent error logging across certificate installation, hosts file modification, and certificate removal operations.</li> <li>3) The logging captures system details such as IP address, OS version, machine name, and user name, along with exception messages and stack traces.</li> </ul>	Done	Tez Pratap	01/07/2025
4	Resolve Vulnerability	—	<ul style="list-style-type: none"> <li>1) <a href="#">App.xaml.cs</a>  <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Implemented `IsConnectedToInternet()` method in `About.xaml.cs` to verify internet connection status.</li> <li>- Enhanced error handling in the version retrieval method by logging exceptions to a file instead of returning an empty string.</li> </ul> </li> <li>3) <a href="#">DigitalSign.xaml.cs</a>  <ul style="list-style-type: none"> <li>- Removed unused variables and added new ones for better state management.</li> <li>- Enhanced method signatures and introduced asynchronous patterns for connectivity checks and file handling.</li> </ul> </li> </ul>	Working	Tez Pratap	02/07/2025

			<ul style="list-style-type: none"> <li>- Improved code readability with better formatting and restructuring of conditionals.</li> <li>- Added error handling and logging to increase application robustness.</li> <li>- Streamlined document signing logic and updated UI control states accordingly.</li> <li>- Cleaned up commented-out code to maintain a tidy codebase.</li> <li>- Updated methods to use `await` for asynchronous calls, ensuring UI responsiveness during long operations.</li> <li>- Changed return types of `OpenCustomCoordinateSelecter` and `OpenBrowserForCoordinate` to `Task`.</li> <li>- Updated `WdSaveFormat` references to fully qualified names and removed unnecessary using directives for clarity and maintainability.</li> <li>- Enhanced overall code structure for better readability.</li> </ul>			
5	Fix Issue Of IP Address printing in watermarking module	Mr. Kapoor Sir- Tez Pratap	Fix Issue Of IP Address printing in watermarking module DONE on ADN Server	Done	Tez Pratap	04/07/2025
6	Resolve Vulnerability	—	<p>Resolve Vulnerability</p> <p>1) Home.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor CheckUrlStatusAsync for better error handling</li> </ul> <p>2) MainWindow.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging in MainWindow.xaml.cs</li> </ul> <p>3) SymmetricEncrypt.xaml.cs</p> <ul style="list-style-type: none"> <li>- Add error logging for XML file save exceptions</li> </ul> <p>4) SymmetricDecryption.xaml.cs</p> <ul style="list-style-type: none"> <li>- Refactor password validation and file handling logic</li> <li>- Simplified password validation to only check length.</li> <li>- Improved readability with consistent formatting.</li> <li>- Streamlined file handling by removing redundant code.</li> <li>- Enhanced error handling for better user feedback.</li> <li>- Adjusted UI prompts for password input based on options.</li> <li>- Modified threading model for correct UI updates during file processing.</li> <li>- Overall improvements for code clarity, maintainability, and user experience.</li> </ul> <p>3) WaterMarking.xaml.cs</p>	Done	Tez Pratap	08/07/2025

			- Improve error handling in GetLocalIPAddress method			
7	Resolve Vulnerability		<p>Resolve Vulnerability</p> <p>1) Helpers.cs</p> <ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `ResponseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
8	Resolve Vulnerability		Resolve Vulnerability 1) Helpers.cs	Done	Tez Pratap	09/07/2025

			<ul style="list-style-type: none"> <li>- Initialize X509Store in SignService.Helpers</li> <li>- Updated the `SignService.Helpers` namespace to initialize an `X509Store` object targeting the current user's personal certificate store.</li> <li>- Removed the declaration of an unused `X509Certificate2` variable, streamlining the code for future certificate operations</li> </ul> <p>2) HelperCert.cs</p> <p>Improve error handling and code formatting in HelperCert.cs</p> <ul style="list-style-type: none"> <li>- Added exception variable `cex` in CryptographicException catch block for logging.</li> <li>- Adjusted formatting of `ResponseStatus` initialization for consistency.</li> <li>- Reformatted comments related to `CertThumbPrint` and `responseStatus.Status`.</li> <li>- Streamlined return statements for consistent response handling.</li> <li>- Retained and improved readability of commented-out code.</li> </ul> <p>3) Service1.cs</p> <p>Refactor Service1 for improved functionality and readability</p> <p>Significant updates to Service1.svc.cs, including:</p> <ul style="list-style-type: none"> <li>- Added and removed `using` directives for better namespace management.</li> <li>- Introduced new asynchronous methods and modified existing ones.</li> <li>- Enhanced error handling with structured logging.</li> <li>- Refactored methods for improved readability and maintainability.</li> <li>- Improved certificate handling and validation logic.</li> <li>- Refined digital signing and watermarking processes.</li> <li>- Overall focus on robustness and user-friendliness in code.</li> </ul>			
9	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir -DID Creation with mapping -User Profile -Claim Handling -Policy Based Authorization	Done	Tez Pratap	10/07/2025

10	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	KT OF E-ISAC BY Mr. Yogendra Sir for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	11/07/2025
11	KT OF E-ISAC	Mr. Yogendra Sir - Tez Pratap	Debug the code of DID Creaction And poit dissussed with Yogendra Sir 1.Temprary Session 2. Authorization Policy	Done	Tez Pratap	15/07/2025
12	KT OF E-ISAC	—	Code review and debugging for I-Card flow Unit to CO, CO to Record Office and Record Office to AFSAC Cell, table relation (BasicDetails,TrnAddress,TrnUpload,TrnIdentityInfo,TrnCardRequest and TrnStepCounter).	Done	Tez Pratap	16/07/2025
13	AGIF3.0	Mr. Kapoor Sir - Tez Pratap	Digital Sign on Merge PDF thru DGIS API	Underprogress	Tez Pratap	17/07/2025