

**ARMY GROUP INSURANCE FUND**  
**APPLICATION FORM :CAR / TWO WHEELER ADVANCE**

|                        |  |                          |                                |
|------------------------|--|--------------------------|--------------------------------|
| 1. Type of Loan        | Car  | 2. Army Number           | IC32112312W                    |
| 3.Old Army No          | SC32113223K  | 4.Rank                   | Lt                             |
| 5. Name                | John Doe   | 6. Date of Birth         | 01-01-2000                     |
| 7. DOE/DOC             | 01-01-2020   | 8.Date of Retirement     | 01-01-2052                     |
| 9. Mobile No           | 9876543210   | 10. Email ID             | johndoe                        |
| 11. Regt/Corps         | 3GR  | 12. PCDA(O)/PAO(OR)      |                                |
| 13.PCDA(O) Acct No     |  | 14. Pan Card             | ABCDE1234F                     |
| 15. Aadhaar Card No    | 123456789012   | 16. Parent Unit          | Army Software Developer Center |
| 17. Present Unit       | Army Software Developer Center                                       | 18.Unit Pin              | 456455                         |
| 19. Unit Address       | c/o 56 APO   | 20. Civil Postal Address |                                |
| 21. Fmn HQ             | Next FMN HQ 1  | 22. Date of Prom         |                                |
| 23. Permt Home Address | Demo Villagesad, Demo Post Office, Demo District, Demo State, 123456 |                          |                                |
| 22. Dealer Name        | ABC Motors   | 23. Model Name           | Sedan Model 2025               |
| 24.Vehicle Cost        | 3211321  | 25. Vehicle Type         | Old Car (2nd hand car)         |
| 26. Loan Amt Reqd:     | 1000000.00   | 27. Loan Frequency       | 2                              |
| 28.Salary Acct No      | 12345678901234567  | 29. Bank IFSC Code       | HDFC0001234                    |

30. I state and certify that:

- (a) I have read the instr / rules regulating the grant of loan to AGIF members for purchase of four / two wheeler and agree to abide by the terms and conditions stipulated therein from time to time. I agree to pay the one-time non-refundable insurance premium and abide by its terms and conditions.
- (b) I shall refund in one lump sum the full loan together with interest outstanding thereon, in case, I wish to sell the vehicle. The vehicle will be kept comprehensively insured from the date of its purchase till the loan together with interest, is fully repaid to AGIF. I will not use the vehicle for commercial purpose.
- (c) Attested copy of **RC, Insurance, Bill / Invoice and Cash Receipt from Dealer** will be submitted within 180 days of sanction of loan. I shall refund the loan in one lump-sum with interest in the event of my failure to purchase the vehicle or to produce relevant documents of purchase within the stipulated time **180 days**, failing which I authorise MD, AGIF to effect recovery of the entire outstanding amount together with additional interest of 2% for default period, through my IRLA.

31. I further agree that:

- (a) If, at any time, it is found that I have obtained Car / Two Wheeler Loan from AGIF by misrepresentation, misstatement or fraud.
- (b) I will ensure that I will maintain adequate credit in my IRLA during the duration of repayment of complete loan instalments.
- (c) I will repay the loan amount with interest by monthly deductions from my salary.
- (d) In case the vehicle for which loan has been obtained meets with an accident.

(e) In the event of my becoming non-effective / retirement / dismissal / premature retirement.

(f) I will pay the sum of loan amount or the balance remaining unpaid.

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 05:11 pm

IC32112312W

Lt John Doe

This is an electronically generated PDF

#### RECOMMENDATIONS AND COUNTERSIGNATURE

1. I certify that above **Loan Application** has been submitted by **IC32112312W Lt John Doe** 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 **IC32112312W Lt John Doe** and I am authorised to countersign financial documents of this individual.

3. I have interviewed him on **28-07-2025** 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 **12345678901234567** of Bank (**HDFC Bank**) with IFSC **HDFC Main Branch** as given in the application and cancelled cheque is of Salary account of **IC32112312W Lt John Doe**

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.

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



Digital Signature of CO

IC32112312W

Lt Gen abc

Mobile No: 9876543210

Digital Sign On: 28-07-2025 17:11

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><br/> <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a><br/> <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><br/> <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-<br>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<br>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<br>-DID Creation with mapping<br>-User Profile<br>-Claim Handling<br>-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<br>1.Temprary Session<br>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><br/> <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a><br/> <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><br/> <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-<br>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<br>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<br>-DID Creation with mapping<br>-User Profile<br>-Claim Handling<br>-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<br>1.Temprary Session<br>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><br/> <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a><br/> <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><br/> <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-<br>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<br>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<br>-DID Creation with mapping<br>-User Profile<br>-Claim Handling<br>-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<br>1.Temprary Session<br>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><br/> <ul style="list-style-type: none"> <li>- No Issue Found</li> </ul> </li> <li>2) <a href="#">About.xaml.cs</a><br/> <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><br/> <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-<br>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<br>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<br>-DID Creation with mapping<br>-User Profile<br>-Claim Handling<br>-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<br>1.Temprary Session<br>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 |
|    |              |                               |   |               |            |            |
|    |              |                               |   |               |            |            |
|    |              |                               |   |               |            |            |
|    |              |                               |   |               |            |            |