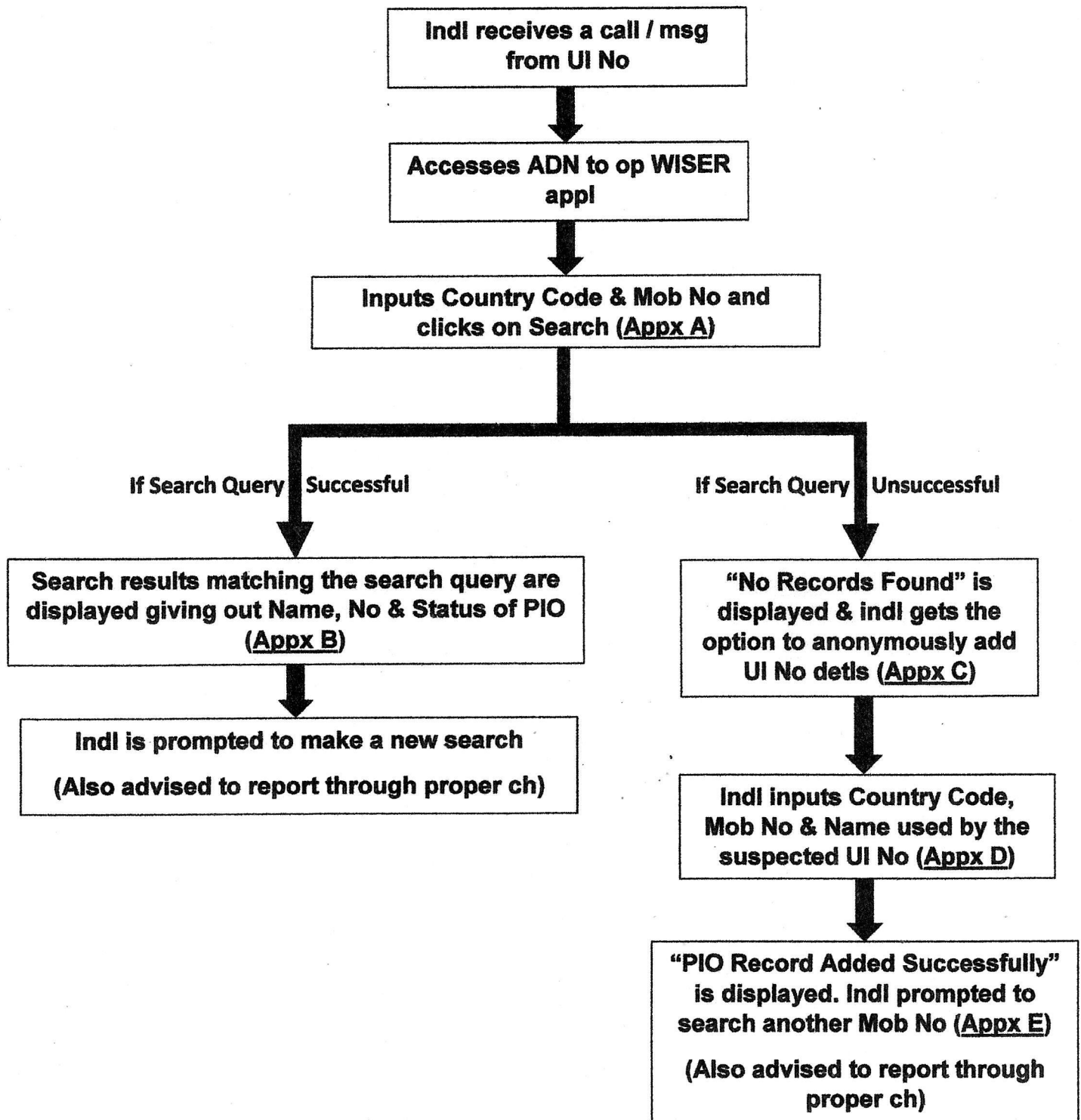


FLOWCHART DEPICTING FUNCTIONING OF WISER APPL



STATEMENT OF CASE FOR WHITELISTING OF WISER APPLICATION (WEB INTERFACE FOR SEARCHING ENEMY INTELLIGENCE OPERATOR RECORDS)

INTRODUCTION

1. The Indian Army is facing ever evolving counter intelligence threats wherein Pakistan Intelligence Operatives (PIOs) continue to exploit the latest technology & ever-changing modus operandi to target Indian Army personnel & their families. Inimical efforts at targeting security personnel using social media (SM) & Instant Messaging (IM) platforms have witnessed a substantial increase in the recent past.
2. At present, there is no application available which can be used to identify, report, verify & compile PIO mobile numbers/ SM accounts in an easily accessible web interface across Indian Army. In order to address this constraint & to counter PIO threat, 'WISER' (Web Interface for Searching Enemy intelligence operator Records), a web-based application, has been developed in-house by IHQ of MoD (Army) Intelligence Battalion.

PROPOSAL

3. In order to provide a pan army web interface to search, identify, verify & compile data of PIO mobile numbers & SM accounts targeting serving personnel, it is proposed that the web application WISER be whitelisted for utilisation by units/ formations/ establishments on ADN.

JUSTIFICATION

4. With the increasing number of serving personnel being targeted by inimical agents on SM, it is imperative to formulate a user friendly & accessible web-based database of PIOs in a digitized manner, for ease of access by all ranks across Indian Army. The same will also ensure timely initiation of necessary action at the user end and provide leads to the authorised agency for further investigation.
5. The architecture of the web application WISER is simple and robust. The application runs on Apache web server & MySQL Database at the back-end & PHP, HTML & CSS at the front-end. The server is not resource intensive & requires approximately 2 GB of disk space. The application will have the intended user at the front end with read access & admin/ auditor account at the back end with read & write access.
6. Advantages of the ibid web application are as under:-
 - (a) **For Indian Army.**
 - (i) Improve counter intelligence culture pan Indian Army.

(ii) Secure interface (ADN) & quick sensitization portal.

(b) **For Serving Personnel.**

(i) Search and submit PIO mobile numbers & SM accounts over ADN swiftly & securely.

(ii) Initiate immediate follow-up actions at the user end & report through proper channel.

(iii) Encourage family members of serving personnel to share suspicious mobile numbers/ SM accounts with serving personnel in their family for further verification/ addition on WISER.

7. The application needs minimal bandwidth and can be hosted on ADN. Trial evaluation & demonstration of the said application was conducted in the unit & in Directorate of Military Intelligence, and results generated were found to be correct.

FINANCIAL EFFECT

8. There are no financial implications as the application has been developed in-house by IHQ of MoD (Army) Intelligence Battalion.

SUMMARY

9. It is recommended that WISER web application for identification, reporting, verification & compilation of PIO numbers/ SM accounts be whitelisted for utilization by units/ formations/ establishments on ADN. The same will immensely assist in providing a pan army web interface to search, identify, verify & compile data of PIO mobile numbers & SM accounts targeting serving personnel, thereby countering PIO threat by ensuring timely initiation of necessary action at user end.

Station: New Delhi

Dated: April 2024

(Subhash Yadav)
Colonel
Commanding Officer

Appx C

(Ref para 9(a) of
DDG IT letter No
B/04001/Policy/
Sw/DDG IT (T&P)
dt 19 Jul 23)

MANDATORY DETLS: PRE APVL STG

1. **Name of proj.** WISER – Web Interface for Searching En int opr Records.
2. **Name of Sponsor.** IHQ of MoD (Army) Int Bn.
3. **Type of Sw (Bespoke/ COTS/ Customized).** Bespoke.
4. **Brief justification/ endorsement on reqmt for devp of Sw appl.** Web based appl to iden, report, verify & compile suspicious PIO Nos/ SM accts in an easily accessible web interface across IA, thereby countering PIO threat.
5. **Aim & Scope (purpose incl utility, beneficiaries & tgt users).** The appl aims to digitize and provide a pan army interface hosted on ADN for searching and submitting suspicious mob Nos or SM accts targeting serving pers. It also ensures timely initiation of n/a at the user end and provides leads to the auth agency for further inv. Beneficiaries & tgt users will incl all serving IA pers & auth agency, ie IHQ of MoD (Army) Int Bn.
6. **To be hosted on internet/ ADN with brief justification.** ADN - the same will ensure ease of accessibility across all rks of IA & ensure data security.
7. **Being devp in-house or through IT funds.** In-house.
8. **Usability of proposed appl by other arms/ services/ org/ est.** The appl will be avbl for use pan IA by all serving pers. The same will ensure timely searching and submission of suspicious mob Nos or SM accts targeting serving pers & timely initiation of n/a at the user end. Fwg is the intended use for various entities :-
 - (a) **For IA.**
 - (i) Improve counter Int culture pan IA.
 - (ii) Secure interface (ADN) & quick sensitization portal.
 - (b) **For Serving Pers.**
 - (i) Search and submit PIO mob Nos & SM accts over ADN swiftly & securely.

- (ii) Initiate imdt follow-up actions at the user end & report through proper ch.
 - (iii) Encourage family members of serving pers to share suspicious mob Nos/ SM accts with serving pers in their family for further verification/ addn on WISER.
 - (c) **For Int Bn.** Obtain leads on latest mob Nos/ SM accts being op by inimical agencies from envt for further inv.
9. **Hw & IT infrastructure reqd.**
- (a) **Hw infrastructure.**
 - (i) **Server.** Approx 2 GB of disk space.
 - (ii) **Client.** Reqmt of a client PC for accessing the appl through a web browser. Existing specification of ADN PCs suffices the reqmt.
 - (b) **IT Infrastructure.** Apache web server & MySQL Database at the back-end & PHP, HTML & CSS at front-end.
10. **Brief detls of content of the proposed Sw appl.** The Sw contains a database of verified suspicious/ PIO Nos & SM accts, which will further be populated with similar data as per user inputs & verification at admin end.
11. **Endorsement by Head of Br/ Svc/ Fmn.** DG MI
12. **Detls of user base.** Standalone Mode.

ADDL DETLS: PRE APVL STG

13. **Envisaged cost of entire proj incl license fees & maint.** Nil.
14. **Projected dt of completion incl maj timelines.** Four months.
15. **Brief detls of Sw platform and tech stack proposed for devp of appl incl op sys dependencies (if any).** Nil.
16. **Brief detls of proposed network and bandwidth reqmts.** The appl would run on the existing network and bandwidth of ADN and there are no addl reqmts.
17. **Brief detls of OS & Sys software reqmts.** Win OS / Linux, PHP, MySQL, IIS/Nginx/any existing web server.
18. **Brief detls of proposed data security measures incl backup of data.** The access to administrator panel will be provided through a login mechanism to the administrator (ie IHQ of MoD (Army) Int Bn) of the appl. Restd access to view the search

results based on the search query will be provided to the user. Data backup would be carried out periodically and stored in a NAS.

19. **Brief detls of proposed database engine to be used in the Appl.** MySQL 8.0+
20. **Detls of sw architecture and COTS sw proposed to be utilized.** Three-tier architecture (Application Layer, Presentation Layer, Database layer).
21. **Detls of proposed architecture – Centralised / Federated / Hybrid.** Centralised.
22. **Brief detls of proposed utilization of Public Key Infra (PKI) and Iden and Access mgt (IAM).** Proposed for future implantation
23. **Technology dependencies (if any).** NA.
24. **Database reqmts.** MySQL 8.0+
25. **Enhancement/ upgradation (incl patch mgt/ sw upt procedure and mechanism).**
 - (a) **Enhancement.** In-house.
 - (b) **Patch mgt/sw upt.** In-house.
26. **Detls of licensing (if any).** NA.