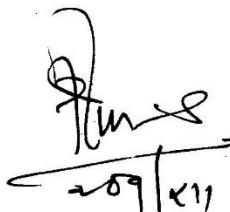


NOTING SHEET
19 INF DIV SIG REGT

File No : 476/Sigs/Comn/Innovation

Sheet No : Two

Subject : STATEMENT OF CASE FOR WHITELISTING OF DHRUVAGPT (DIGITISATION OF COURT OF INQUIRY PROCEEDINGS) ON ADN

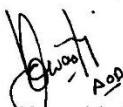

<p><u>Col 1</u></p> <p><u>19/12</u></p>	<p style="text-align: center;"><u>3</u></p> <p>1. Ref Notes ante.</p> <p>2. Endorsed for approval by 902 pl.</p> <p style="text-align: right;">B 09/12/11</p> <p style="text-align: center;"><u>4</u></p> <p>Recommended</p> <p style="text-align: right;"> 20/12/11</p>	
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NOTING SHEET
19 INF DIV SIG REGT

File No : 476/Sigs/Comn/Innovation

Sheet No : One

Subject : STATEMENT OF CASE FOR WHITELISTING OF DHRUVAGPT (DIGITISATION OF COURT OF INQUIRY PROCEEDINGS) ON ADN

<u>Appt</u>	<u>Contents</u>	<u>Remarks</u>
<u>OC 2 Coy,</u> <u>19 IDSR</u>	<p style="text-align: center;"><u>1</u></p> <p>1. DhruvaGPT is a bespoke web application developed at 19 Inf Div Sig Regt with the aim to digitise the steps involved in Court of Inquiry proceedings.</p> <p>2. 'Statement of Case for Whitelisting of DhruvaGPT (Digitisation of Court of Inquiry Proceedings) on ADN' alongwith checklist is placed opp.</p> <p>3. For perusal and apvl pl.</p> <p style="text-align: right;">  (Karanbir Singh) Maj 09 Dec 2024 </p>	<u>Flag A</u> <u>Flag B</u>
<u>CO, 19 IDSR</u>	<p style="text-align: center;"><u>2</u></p> <p>1. Ref Note I.</p> <p>2. Statement of case for whitelisting</p> <p>'Dhruva GPT' is secure & find for approval pl.</p> <p style="text-align: right;">  (Pranveer Chiniwar) Col 09 Dec 24 </p>	

**STATEMENT OF CASE FOR WHITELISTING OF
DHRUVAGPT (DIGITISATION OF COURT OF INQUIRY PROCEEDINGS)**

INTRODUCTION

1. Occurrence of untoward incidents is inevitable in daily routine, which leads to a lot of man hours getting consumed in the documentation procedure which follows, starting from initial reporting, detailed reporting and further the Court of Inquiry proceedings. With advancement in technology, a need is felt to automate the process of documentation involved and further, digitise the steps involved in Court of Inquiry proceedings.

PROPOSAL

2. It is proposed that DhruvaGPT being devp in house at 19 Inf Div Sig Regt, which digitise the steps involved in Court of Inquiry proceedings and helps in expediting the wk and decision making of stakeholders involved, be whitelisted for hosting on Army Data Network (ADN).

DETAILED JUSTIFICATION

3. DhruvaGPT software is a server client architecture based web application which has been developed with the aim to digitise the steps involved in Court of Inquiry proceedings, to include:-

- (a) **Initial Report.** Generation of initial report on a click by filling relevant text fields on a html page.
- (b) **Detailed Report.** Generation of detailed report on a click by filling relevant text fields on a html page.
- (c) **Convening Order.** Generation of template based convening order, incorporating the type of incident, rk of indl involved and dynamically giving out list of rks eligible to be detailed as presiding officer and members.
- (d) **Tools for Presiding Officer.** An AI based module that acts as a suggestive bot to answer queries/ doubts of the PO based on the previous Court of Inquiry, to include:-
 - (i) Suggestive list of questions to be asked.
 - (ii) Suggestive list of points to be covered in Finding by the court.
 - (iii) Suggestive Opinions of the court.
 - (iv) Suggestive list of Exhibits.
 - (v) Misc questions/ doubts.

(e) **Recording of Statement.** AI enabled module which helps record the statement of witnesses and further convert them to English text in real-time. The module is capable of understanding Hindi/ English/ Roman Hindi voice and convert it to text in English in real-time.

(f) **Brief of Case.** Auto generate brief of the case in 500/ 1000 words as a quick aid for the Staff Officer.

(g) **Staff Analysis.** AI enabled chat bot to interact/ query/ summarise/ analyse any uploaded document for assisting Staff Officers in expediting their decision making.

4. Web application has been created using Python and Flask, which gives flexibility, scalability and compatibility to the application.

5. Application is purely based on client based session, wherein the integrity of the data is maintained with the client/ user and destroyed on expiry of the session.

6. Currently the software has been deployed on a non-internet based server (with GPU) and has been tested thoroughly for its functionality in a Local Area Network.

FINANCIAL IMPLICATIONS

7. The software deployment has no financial implications involved as the same has been built in house as a bespoke software.

CONCLUSION

8. The software will help in reducing the manpower consumed in the tedious documentation process involved in various steps of Court of Inquiry proceedings and also help stakeholders in readily available support and aid in decision making while omitting on the errors pertaining to Major and Minor SD aspects at various levels.

9. It is strongly proposed that the software be whitelisted for hosting the server over Army Data Network (ADN) for secure and easy access by stakeholders involved in various steps of Court of Inquiry proceedings.

Station: C/o 56 APO

Date : 09 Dec 2024



(Karanbir Singh)

Maj

OC 2 Coy

19 Inf Div Sig Regt

UNIT/ SUB UNIT/ EST

Recommended/ Not Recommended



कर्नल / Col
कमान अधिकारी
Commanding Officer
19 पैदल सेना खण्ड सिग्नल रेजिमेंट
19 Inf Div Sig Regt

DIVISION/ FORCE HEADQUARTERS

Recommended/ Not Recommended

Station: C/o 56 APO

Date : 09 Dec 2024

मेजर जनरल / Maj Gen
जी ओ सी 19 इन्फैन्ट्री डिवीजन
GOC 19 Inf Div

CORPS HEADQUARTERS (IW)

Recommended/ Not Recommended

Station: C/o 56 APO

Date : Dec 2024

COMMAND HEADQUARTERS (IW)

Recommended/ Not Recommended

Station: C/o 56 APO

Date : Dec 2024

ASSESSING AGENCY

Recommended/ Not Recommended

Station: C/o 56 APO

Date : Dec 2024

APPROVED / NOT APPROVED