CyberQ Consulting Pvt. Ltd.

Part-II: Security Audit of Application Software

Please provide these details for each application which needs to be security audited.

Name of the Application, if any: **Agriculture Resource Management System (ARMS)**

Name of the Organisation owning the Application: **Sikkim Agriculture Department**

Name of the Organisation developing the Application: **Demi Solutions**

Name of the Organisation hosting the Application: -

Environment (type) where Application will be hosted: -

1. **Web Application Security Audit**

Query	Reply
Which type of testing required? (Grey Box, White Box, Black Box)	**Black Box**
URL of the web application	kisanparichay.com
No of dynamic pages	All
No of static Pages	0
No. Of login modules	**1**
No of roles	7
No of input fields	100
What is the software environment of the application?	Production
Which database has been used? Does it handle any personal data like credit card information?	Database Mysql. Application doesn't handle any card details.
Is it PKI enabled	Yes
Is there any Payment Gateway?	No

Are there any specific contractual requirements with respect to application security?	No

For API (In case API are also part of audit)

API(s) Development technology/Framework	Symfony REST Framework
API(s) developed are SOAP or Rest based	Rest based
Number of Endpoints hitting by API	1
No. of API(s) per Endpoint	64
No. of Methods/Function calls per API	1
Average number of input or parameters per Method/Function call per API	4
Any Work flow required to access method/Function call within different API(s)	yes. http post using curl
Which type of testing required? (Grey Box, White Box, Black Box)	Black box

2. **Mobile Application Security Audit**

Query	Reply
APK or IOS of the application	
No of dynamic pages	
No of static Pages	
No. Of login modules	
No of roles	
No of input fields	

What is the software environment of the application?	Production
Which database has been used? Does it handle any personal data like credit card information?	MySql. No, it does not handle credit card information.
Is it PKI enabled	Yes
Is there any Payment Gateway?	No
Are there any specific contractual requirements with respect to application security?	No
For API (In case API are also part of audit)	
API(s) Development technology/Framework	
API(s) developed are SOAP or Rest based	
Number of Endpoints hitting by API	
No. of API(s) per Endpoint	
No. of Methods/Function calls per API	
Average number of input or parameters per Method/Function call per API	
Any Work flow required to access method/Function call within different API(s)	

3. **Source Code Review of Application**

Which type of testing required? (Grey Box, White Box, Black Box)	Black box testing
Name of the application	Agriculture Resource Management System, Sikkim

No of Line codes of application	
No of Modules	
What is the software environment of the application?	PHP Symfony framework
Which database has been used? Does it handle any personal data like credit card information?	MySql
Is there any Payment Gateway?	No
Is it PKI enabled	Yes
Are there any specific contractual requirements with respect to application security?	No

4. API application Security testing

Which type of testing required? (Grey Box, White Box, Black Box)	Black box
Name of API	
API(s) Development technology/Framework	
API(s) developed are SOAP or Rest based	
Number of Endpoints hitting by API	
No. of API(s) per Endpoint	
No. of Methods/Function calls per API	
Average number of input or parameters per Method/Function call per API	

CyberQ Consulting Pvt. Ltd.

Any Work flow required to access method/Function call within different API(s)	

Name of the contact person for further details, if required :
Contact number : Ezzak Pradhan
Email Address :